
ExtremeWare Error Message Decoder

Software Version 7.8

Extreme Networks, Inc.
3585 Monroe Street
Santa Clara, California 95051
(888) 257-3000
<http://www.extremenetworks.com>

Published: May 2008
Part number: 100280-00 Rev 01

Alpine, Altitude, BlackDiamond, EPICenter, Ethernet Everywhere, Extreme Ethernet Everywhere, Extreme Networks, Extreme Turbodriven, Extreme Velocity, ExtremeWare, ExtremeWorks, GlobalPx Content Director, the Go Purple Extreme Solution Partners Logo, ServiceWatch, Summit, the Summit7i Logo, and the Color Purple, among others, are trademarks or registered trademarks of Extreme Networks, Inc. or its subsidiaries in the United States and other countries. Other names and marks may be the property of their respective owners.

© 2008 Extreme Networks, Inc. All Rights Reserved.

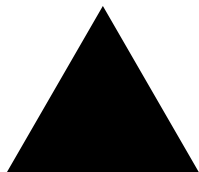
Specifications are subject to change without notice.

The ExtremeWare XOS operating system is based, in part, on the Linux operating system. The machine-readable copy of the corresponding source code is available for the cost of distribution. Please direct requests to Extreme Networks for more information at the following address:

Software Licensing Department
3585 Monroe Street
Santa Clara CA 95051

NetWare and Novell are registered trademarks of Novell, Inc. Merit is a registered trademark of Merit Network, Inc. Solaris and Java are trademarks of Sun Microsystems, Inc. F5, BIG/ip, and 3DNS are registered trademarks of F5 Networks, Inc. see/IT is a trademark of F5 Networks, Inc. sFlow® is a registered trademark of InMon Corporation.

All other registered trademarks, trademarks and service marks are property of their respective owners.



Contents

	Preface	
	Introduction	33
	Conventions	34
	Related Publications	34
Chapter 1	Emergency Error Messages	
	cluster mbufs	35
	Diagnostic Failure, Port	36
	Hot Swap	37
	No Power Values	38
	netJob Error	39
	POST Failure	40
	VDSL Read/Write	41
Chapter 2	Alert Messages	
	Flash Error	43
	ipmcDelCache Problem	44
	VDSL Port Not Ready	45
	VDSL Task Message	46
	Cable Diagnostics on Port Failed	47
	Disable Port Failed	48
	Restoring Permanent FDB MAC Entries Failed	49
Chapter 3	Critical Messages	
	Calibration Required, Programming Failure	51

Cannot Start EAPS	52
Checksum Error on CPU Packet	53
Checksum Error on CPU Packet of 64	54
Checksum Error on External Port	55
Checksum Error on Internal Port	56
Checksum Error on Motherboard	57
Checksum Error on MSM	58
Checksum Error on EDP Packet and Slot 1	59
Checksum Error on PoE Calibration Data	60
CPU Dialogue	61
Decoder Timeout	62
EAPS Domain Does Not Exist	63
EAPS Instances Exceeding Limit	64
EAPS Send	65
EPC Task Crash	66
Fail Timer Expired, State Complete	67
Fail Timer Expired, State Init	68
Firmware Download Failed	69
Hardware Failure, Attempting to Initiate Corrective Action	70
High CPU Utilization, fdbAgeTask	71
High CPU Utilization, tSnmpd	72
Illegal Calibration Data	73
Invalid EAPS Domain Instance	74
Invalid EAPS Domain Instance 65, Out of Range	75
Invalid Object ID	76
Invalid PTAG	77
Maximum EAPS Domains	78
Maximum Limit for VLANs	79
Message Queue Creation Failed	80
MII Reset	81
msgQReceive Error	82
msgQSend Error, OSPF Exception	83
MSM64i Packet Problem	84
MSM Connection Broken	85

Not a Control VLAN	87
OSPF Assertion Failed	88
Out of MBufs	89
Out of Memory, Adding Control VLAN	90
Out of Memory, Adding Protected VLAN	91
Out of Memory, Binding VLAN	92
Out of Memory, Creating EAPS Domain	93
Out of Memory, Initializing EAPS	94
Packet Corruption on Motherboard	95
PoE Calibration Required	96
PoE Firmware Update Failed	97
Port State Blocked	98
Power Supply Failure, No Backup Available	99
Power Supply Failure, Trying Again Later	100
Power Supply Failure, Trying Again	101
Queue Descriptor Timeout	102
Received PDUs from Two Nodes	103
Register Failed	104
sbmfree Double	105
Software Error at Runtime	106
Software Error	107
Spoofing Attack	108
sysEnvMsg msgQSend Error	109
System Chunk NULL	110
TCP Connection	111
TospfSpfTask Failed	112
Twister Access Timeout	113
VLAN Does Not Exist	114
VLAN Not Found	115
Watchdog Timer Creation Failed	116
Watchdog Timer Reboot	117
Loop Detected on VLAN	118
Write to NVRAM Failed	119
No Memory Available for VRRP Table	120

Power Supply Normal	121
Power Supply Failed	122
Corrupted Backplane Health Check Packet	123
Download Configuration File Not Available	124
Download Configuration Task Spawn Failed	125
Overwrite Download Configuration Buffer	126
Configuration Download Size Too Large	127
Error Getting Information on Internal Card	128
Add and Remove Xen Card	129
STPD Tag From Bridge That Ignores BPDU	130
Receive Task Spawn Failed	131
Transmission Task Spawn Failed	132
LSM Filter: Drop Received Packet	133
Hello Receive Timer Creation Failed	134
Memory Allocation Failed	135
Message Send Failed for Rx Queue on Port	136
Packet Received is Not an LSM Packet	137
Semaphore Allocation Failed on Port	138
Transmission Message Queue Creation Failed	139
Up Timer Creation Failed	140
Access Profile Configuration Restore Failed	141
Access Profile Configuration Entry Restore Failed	142
Access Profile Configuration Entries Restore Failed	143
Cannot Create Security Management List for SSH	144
Access List with Invalid Pointer or Address	145
Access Profile with Invalid ID	146
Cannot Create Access List Instance for SSH	147
Cannot Create Security Management List for HTTPS	148
Invalid Access List Instance for Telnet	149
Invalid Access List Instance for Web	150
Cannot Create Security Management List for Web	151
Cannot Create Security Management List for Telnet	152
Cannot Create Security Management List for HTTPSC	153
HTTPD Listen Failed	154

HTTPD Socket Non-blocking IOCTL Failed	155
HTTPD Bind Failed	156
Rx Buffer Allocation Failed	157
Socket Creation Failed	158
Checksum Error on Slot	159
Corrupted Packets on Slot	160
Card Diagnostic Failed	161
Registry Operation Timeout	162
CPU Control Timeout	163
Registry Operation Timeout	164
Corrupted Packets on M-BRD	165
System Restarted by Hardware Watchdog	166
Task Running During Watchdog Timer Expiry	167
Checksum Error on Frame	168
MSM Rebooted by Slave	169
PtagIndex for Multicast Entries on Threshold	170
EDP Frame in Wrong Format	171
Failed to Clear Log On Slot	172
Session Timeout While Accessing FDB Table	173
FDB Timeout	174
System Recovery Action	175
Mismatch Between Power Supply Types	176
EDP Frame with Bad Length	177
System Initialized in Minimum Mode	178
Error Reading MAC	179
Error While Reading Register	180
Diagnostics Failed	181
Error Accessing FDB Information	182
AFC Status Timeout	183
No Memory Available for vlanBtreeAttach	184
Access Profile Configuration with Invalid Index	185
Configuring Access Profile Using Invalid Index	186
Corrupted CPU Health Check Packet	187
PSU(id) Removed	188

Fast Path Checksum Threshold Exceeded	189
Invalid Card State	190
Invalid Event in Checksum Failure	191
Missed System-Health-Check Packet	192
Power Supply Temperature Failed	193
Power Supply Unit: Fan Failed	194
Power Supply Unit: Input failure	195
LSM Transmit Task Message Queue Receive Failed	196
LSM Receive Task Message Queue Receive Failed	197
LSM Receive Task: Unable to Start Timer	198
Cannot Write to CFGDB Port	199
Unicast Route is a Blackhole Route	200
MSM-B HAS TAKEN OVER AS THE MASTER	201
PSU-A Removed	202
Diagnostic Failures	203
Out of Memory While Allocating Agent X Request	204
Ping Control Table Full	205
Adding L2 FDB Entry for a Port Failed	206
Adding L2 FDB Entry for CPU Port Failed	207
Deleting L2 FDB Entries Failed	208
Deleting L2 FDB Entry for VLAN Failed	209
Initializing the Switch Failed	210
Power Consumption Exceeds Reserved Power	211
Power Supply Unit: Memory Allocation Failed	212
Power Consumption Exceeds Minimum Required Level	213
Switch Operating Below Minimum Required Power	214
Old and New AC Power Supply On the Switch	215
AC and DC Power Supply Configured on the Switch	216
Power Supply Mismatch	217
Power Supply Mismatch	218
Single and Dual AC Power Supply Configuration	219
Cannot Write to CFGDB Global	220
Cannot Write to CFGDB Sflow Port	221
SFLOW: Configuration Parsing Failed	222

SFLOW: Configuration Parsing Failed for Port	223
Allocating IP SA Entry Failed	224
Corrupted EDP PDU: Bad OUI	225
Corrupted EDP PDU: Bad Length	226
Corrupted EDP PDU: Bad Version	227
Corrupted EDP PDU: Bad SNAP	228
Configuring Hardware Queue Before Starting the Card	229
No Memory In Bind to Route-map	230
Disable ARP Learning	231
Port List Not Present For Unbind	232
Loadshare Port List: Memory Allocation Failed	233
MAC Lock Age Task Message: Receive Failed	234
VLAN Creation At Startup Failed	235
Invalid Route Map Instance	236
Invalid Route Map Pointer	237
Adding Entry to Empty Route Map Failed	238
Free Entry Not Available	239
VRRP Initialization: Queue Creation Failed	240
VRRP Initialization: Task Spawn Failed	241
VRRP: Unable To Start WD Timer	242
VRRP: Memory Allocation Failure	243
System Health Check: Bad Length	244
System Health Check: Bad SNAP	245
System Health Check: Bad OUI	246
Writing To EEPROM Not Supported	247
Message Queue Creation Failed	248
Ptag Allocation Failed	249
Read EEPROM Failed	250
STP Domain Allocation Failed	251
Task Creation Failed	252
Timer Bucket Allocation Failed	253
Failed To Allocate Memory For VLAN	254
Transmit Mbuf Allocation Failed	255
System Health Check: Bad Version	256

System Health Check: Checksum Error	257
VRRP Allocation: Memory Failure	258
Failed to Change MAC Address on Port	259
Unable to Clear Netlogin Entry for MAC	260
Remote Set Request Not Implemented	261
Memory Allocation for Bridge-Interface Failed	262
Memory Allocation for Segment Interface Failed	263
Memory Allocation for ESD Domain Failed	264
Hello Timer Creation Failed	265
Fail Timer Creation Failed	266
No EAPS Domain on the Control VLAN	267
Segment Timer Creation Failed	268
Shared Port Timer Creation Failed	269
EAPSD: Multiple Masters On Same EAPS Domain	270
EAPSD: Fail Timer Expired While State Is Init	271
System Rebooted Due to Stack Merge	272
System Rebooted Due to Discovery Failure	273

Chapter 4 Error Messages

Boot ROM Version Download Error	275
Boot ROM Version Synchronization Error	276
Cannot Create VLAN	277
Committed Rate Exceeded for Port	278
Delete FDB Entry	279
ExtremeWare Download Error, Version Incompatible	280
ExtremeWare Synchronization Error, Version Incompatible	281
ExtremeWare Version Incompatible	282
fetchPacket64 Failed	283
Firmware Version Not Supported	284
Initialization Failed	285
Invalid Cost	286
Invalid Link Speed	287
Invalid Port Speed	288
Link Down	289

Login Failed	290
Messages from Interrupt Level Lost	291
No 802.1q Tag	292
No PIF for BIF	293
Packet Send Buffer Failed	294
PBUS CRC Error	295
PoE Firmware Invalid on Blade	296
PoE Firmware Invalid on Slot	297
PoE Hardware Problem, Disabling PoE on Port	298
PoE Not Operational	299
Port in 802.1d Mode Already Exists	300
Power Consumption Normal for Slot	301
Power Consumption Normal for System	302
Send Slave Config Length Error	303
Unable to Allocate Memory, STPD Bridge List	304
VDSL vPowRead	305
VDSL Reduced Mode	306
VLAN ID Conflict	307
VLAN Not in STPD	308
GPP Initialization Error	309
TACACS Server Not Configured for Session	310
Unsupported Data Type	311
RADIUS Authentication Server Not Found	312
No MAC Entries Available on lkup Table	313
Cannot Create Permanent Entry with MAC Address	314
sysObjSetStpd Returned Error for StpBridgePriority	315
sysObjSetStpd Returned Error for dot1dStpBridgeHelloTime	316
sysObjSetStpPort Returned Error for dot1dStpPortPriority	317
sysObjSetStpPort Returned Error for dot1dStpPortPathCost	318
Failed to Send Timer Tick to DLA Task	319
No Trunk ID for Port	320
Auto Diagnostic Running While Timer Expiry	321
Cable Diagnostic Module Management Queue Failed	322
Cable Diagnostic Module Message Queue Failed	323

Invalid Message Type	324
Manual Diagnostics In Progress	325
Memory Allocation for Manual Diagnostics Failed	326
Message Queue Receive Failed	327
slot 1 port 5 Good Response PPP Link Status Size 12	328
No Physical Port Associated to STP Port	329
Unable to Allocate Memory for Bridge STPD List	330
PPP Link Configuration Too Short	331
STP Task: Cannot Get Transmission Mbufs	332
STP Timer Message Queue Send Failed	333
No Response for PPP Link Configuration	334
No Response for PPP Link Status Message	335
Could Not sbmalloc gselectedDvmrpVlansPtr	336
Unable to Set Global Status Message	337
Vendor Information Not Available	338
Could Not Get VLAN Instance	339
URL Not Found	340
HTTP User Authentication Failed	341
Network Login Authentication Failed	342
HTTP Initialization Failed	343
Wrong Index for vlanIndex in Set Request	344
DOSprotect: Filter Precedence Conflicts with Rule	345
DOSprotect Timeout: Restarting the ACL Timer	346
DOSprotect Timeout: ACL Removed	347
Error Enabling FDB Entry Flag	348
Failed to Get HTTPS Port Number	349
Invalid VLAN IfIndex	350
Reading Private Key Failed	351
TFTP Initialization Failed	352
Create VLAN Request: VlanIfIndex Exists	353
Read Back Verification Failed	354
PSU Output Failed	355
ngRxFirst Failed	356
Error Reading Register	357

Error Reading Register	358
Active MSM Failed to Program FLASH	359
Running Configuration Not Saved	360
Error Getting Information on Internal Card Slot	361
Failed to Delete RIP Route	362
Failed to Delete RIP Route	363
Failed to Send IP Datagram	364
Session Time Out While Reading Register	365
Interface Not Specified for the Route	366
Slave NMC Not Active	367
No Communication Between MSM-A and MSM-B	368
Enabling and Disabling Auto Polling: Card Not Active	369
Error Getting Information on Internal NMC Slot	370
Unsupported GBIC	371
FDB Memory Test Failed	372
Internal Links on Card Down	373
Unsupported Card	374
Cannot Read Temperature	375
No Card in Slot	376
IPDA SUBNET Lookup: FDB Registration Failed	377
Unsupported Access-Profile Attribute	378
OTP Block Allocation Failed; Cannot Create Bridge	379
Cannot Create Bridge	380
pifValidQ: Invalid Port Number	381
Semaphore Initialization Failed for QoS Port	382
Unsupported Access-Profile Type	383
Invalid Option	384
SNMP Request Returned Error	385
SNMP Request for AP MAC Filter Status Returned Error	386
Interface Not Configured as Wireless Interface	387
Initialization Agent Request Returned Error	388
Send Set Request Returned Error	389
Ping Initialization Agent Request Returned Error	390
STP Port: Memory Allocation Failed	391

No Physical Interface	392
Platform Not Supported	393
Skipping Bridge Learning	394
Invalid Card Type for Slot	395
Invalid Switch Card	396
TFTP Initialization Errors	397
Insufficient Instance Object ID	398
Empty STP Packet	399
STP Packets with Incorrect Version Number	400
STP BPDU Does Not Match with Port Mode	401
Cannot Delete STP Domain	402
Large STP Packets	403
DVMRP Interface Creation Failed	404
DVMRP Task: Invalid Message Type	405
Linking or Adding Timer Node to Timer List Failed	406
DVMRP Initialization: Task Spawn Failed	407
DVMRP Initialization: Cannot Allocate Packet Memory	408
DVMRP Initialization: Watchdog timer Creation Failed	409
DVMRP Initialization: Queue Creation Failed	410
DVMRP Initialization Failed	411
Bridge Create Failed	412
Memory Allocation for Bridge Failed	413
Renaming System Defined VLAN Failed	414
Invalid STPID for Bridge	415
Configuring Hardware Queue Before Initializing Cards	416
Memory Allocation for Port/VLAN Flush Mask Failed	417
Failed to Take Semaphore to Read Port QoS Statistics	418
VLAN Translation Flush Mask: Memory Allocation Failed	419
Security Profile Not Found	420
SNMP Agent Not Found	421
Adding SNMP Request for APMAC Filter MAC Failed	422
MAC Ping Address: Wrong Format	423
addSNMPRequest Returned Error	424
Error Creating SNMP Request for Create Ping	425

AP Returned Non-existent VLAN ID	426
Card Not Supported	427
Card SEM Received Invalid Event	428
Configuration: Card Type Not Allowed	429
Failed to Read Card EEPROM	430
Quake Register: Read Failed	431
Card SEM Received Invalid Event	432
Could Not Allocate Memory	433
Cloning OID Failed	434
Cloning varbinds Failed	435
Error Updating FDB	436
Deleting STP Instance Failed	437
Creating STP Domain Failed	438
Enabling VRRP On Interface Failed	439
Invalid RTIF Instance	440
IP Output Returned Error	441
VLANS Share Same Broadcast Domain	442
No Buffers For Multicast Options	443
Reading Card Hardware Database Failed	444
Daignostics On Card Failed	445
Card Inserted While Slot Was Disabled	446
Reading From Card EEPROM Failed	447
Card Type Not Compatible	448
IPDA Subnet Lookup Feature Enabled	449
Vectors Mismatch	450
STPD Parameters in Vista: Memory Allocation Errors	451
Loading Boot Load Image Failed	452
Getting Destination Card Failed	453
Invalid EEPROM Device Number	454
User Account Out Of Range	455
ARP Entry Not Found	456
Adding Bogus Memory Block	457
Allocating Memory Buffer Failed	458
Log Filter: Same Match Parameter	459

Log Filter: Accepting Factory Default Failed	460
Deleting Log Filter Failed	461
Log Filters: Maximum Configured	462
Deleting Log Filter Failed	463
Log Filter: Cannot Copy Completely	464
Modifying Log Filter Failed	465
Log Filter Does Not Exist	466
Log Filter Does Not Exist	467
Log Filter Exceeds Maximum Length	468
Permanent Entry With MAC Not Found	469
FDB: Port Already In Permanent Entry Table	470
FDB Ageing Time Too Large	471
MAC FDB Refresh: Null ARP	472
Invalid ARP Entry	473
Delete Invalid ARP	474
Failed to Allocate SSH Eloop Event	475
Error Allocating Global Head List	476
Allocating SSH Debug Globals Failed	477
Allocating Memory Failed	478
Allocating Memory for SSH Failed	479
Virtual Router ID Not Found	480
Virtual Router Instance Not Found	481
Null Interface	482
VRP Message: Message Queue Receive Error	483
Sending DNS Server Configuration to APs Failed	484
Allocating Memory for Clients Failed	485
Diffserv Examination: Resources Not Enough	486
SSHD: Exec Command Not Supported	487
Shared Port Not a Ring Port in EAPS Domain	488
Allocating Memory for Bridge Failed	489
Adding VLAN Failed	490
Deleting VLAN Failed	491
Adding Bridge Interface for Segment Port Failed	492
Adding Bridge Interface for VLAN Failed	493

Deleting Bridge Interface for Port Failed	494
Deleting Bridge Interface for VLAN Failed	495
Adding Segment Port Interface Failed	496
Control VLAN Interface Not Found	497
Unknown Port State	498
EAPS Domain Segment Interface Not Found	499
Removing Segment Port Interface Failed	500
EAPSD Domain Part of Another ESD Instance	501
Invalid Port Type	502
Shared-port Instance Out of Range	503
ESD Controller in Wrong State	504
Cannot Set Port	505
Cannot Stop Domain	506
Invalid ESD Instance: Cannot Set the Mode	507
Invalid ESD Instance: Cannot Set the Link ID	508
Invalid ESD Instance: Cannot Set Shared Port Timeout	509
Invalid ESD Instance: Cannot Set Segment Timeout	510
Setting Segment-Timeout Expiry Action Failed	511
Shared Port Domain Instance Out of Range	512
No Shared Port Domain	513
Invalid ESD Instance	514
Unknown Root-blocker State	515
Segment-port Not Found	516
Shared Port State Unknown	517
Controller Mode for a Partner Event	518
Wrong Event for ESD Partner	519
Unknown Event	520
Segment and Bridge Interface Status	521
Wrong Bridge-Interface Status	522
Wrong Bridge-Interface State	523
Bridge Interface Status	524
Wrong Bridge Interface Status	525
Unknown Segment-port State	526
ESD Controller Domain in Ready State	527

Partner Mode in a Controller Event	528
EAPSD: Error In Stopping the Domain	529
EAPSD: Error In Stopping All Domains	530
EAPSD: Error in Unbinding Protected VLAN	531
EAPS Shared-port: Stopping the Domain Failed	532
EAPS Shared-port: Unbinding from L2 Domains Failed	533
EAPS Shared-port: Disabling the Domain Failed	534
Upgrading Bootloader Failed	535
Upgrading Bootloader Failed	537
Bootloader Header Update Failed	538
Reboot Loop Detected For Back-up MSM	539
No Untagged Port in VLAN	540
Memory Threshold Limit	541
Trap Interval Value	542
Unable to Configure VLAN "Mgmt"	543
Unable to Monitor Management VLAN	544
Cloning Attributes of an Inactive User	545
Adding User to an Inactive Group	546
SNMPv3 Access Disabled	547
Could Not Add L3 Entry for Unit	548
 Chapter 5 Warning Messages	
Access Rule Does Not Exist	549
ACK Error	550
Activate Failed, No PIF	551
Add Port Failed, 802.1D Port Already Active	552
Bad Ethernet Type/Length	553
Bad Length for BPDU	554
Bad MAC Read	555
BlackDiamond Memory Block Already Free	556
ASIC Error	557
BPDU Mismatch	558
Bracket Buffer Full	559
Bridge ID Not Assigned	560

Btree Insert Failed	561
Cannot Add VLAN to EAPS	562
Cannot Allocate Memory for Timer	563
Cannot Find Default VLAN	564
Cannot Get Memory Buffer Transaction	565
Cannot Save Default STPD	566
Cannot Send Card	567
Cannot Send Health PDU	568
Cannot Send nmc	569
card_db.c Module Memory Defect	570
Card Removed	571
Checksum Error on MSM and Slot	572
Checksum Error on PDU	573
Control VLAN Already Exists	574
Control VLAN Not Configured for EAPS Domain	575
Create STPD Failed	576
Datagram Fragment	577
Default Cost Zero for Port	578
Delete Failed, EAPS Interface	579
Delete Failed, EMISTP Group Address	580
Delete Failed, FDB Entry	581
Delete Failed, Local STPD	582
Delete Failed, No PIF	583
Delete Failed, Port Mismatch	584
Diagnostic Failure, Port Invalid Speed	585
Diagnostic Failure, Slot	586
Domain Already Exists	587
Dropped Bytes Condition Clear	588
Dropped Bytes Condition Set	589
Duplicate MAC Entry	590
EAPS Task Not Running	591
EDP Checksum	592
EDP Not Enabled	593
ESRP Enabled	594

ESRP Enabled, Action Not Possible	595
Exceeded Committed-Rate Condition Clear	596
Exceeded Committed-Rate Condition Set	597
Failed Diagnostic Packet	598
Failed to Obtain Statistics	599
Failed to Receive Message	600
FDB Entry Not Found	601
FDB Error	602
Free List	603
GARP Event	604
Get EEPROM Error	605
Get Failed, Port Not Found	606
Incorrect State	607
Install STPD Tag Failed, Ignore BPDU Enabled	608
Insufficient Memory, PIF Structure	609
Insufficient Memory, Port Tree	610
Invalid BPDU	611
Invalid BPDU Header	612
Invalid EAPS Object ID	613
Invalid EAPS-VLAN Object ID	614
Invalid PIF for Port	615
Invalid Port Cost	616
Invalid Port Speed	617
Invalid Secondary Port	618
Invalid Time Values	619
IP FDB Entry	620
IP Output (Slow Path)	621
IPX Next Hop Interface	622
iQuery Message	623
Link Down Link Up	624
Load Share Trunk Inactive	625
MAC Chip	626
MAC Type	627
Maximum Block Allocation	628

msgQSend Message Queue Full	629
MsgQ Send Error	630
MSM Module Type Mismatch	631
ngRxFirst Failed	632
No Associated STPD Port	633
No BIF for VLAN ID	634
No EAPSD-Bridge Links Exist	635
No Matching FDB Entry	636
No Message Buffer	637
No Protected VLANs Configured	638
otpRamBusy	639
PDU Received on Wrong Port	640
Port Binding Failed, Bound to Another STPD	641
Port Binding Failed, Bound to that STPD	642
Port Creation Failed, Bad STPD Instance	643
Port Creation Failed, No PIF	644
Port Creation Failed, Not Enough Ports	645
Port Deletion Failed, No Matching Port	646
Port Deletion Failed, Not Bound to PIF	647
Port Mapping Failed	648
Port Not Configured	649
Port Not in VLAN	650
Port Unbinding Failed, STP Not Disabled	651
Port Write Error	652
Power Consumption Exceeds Slot Threshold	653
Power Consumption Exceeds System Threshold	654
Problem Stopping Domain	655
PTAG Error, List Tags	656
PTAG Error, Memory Blocks	657
QoS Duplicate Port	658
redirectServerList Not in Use	659
Send BDPU Failed	660
Send Message Failed	661
Slave Port Active	662

SNMP IP QoS ACL Missing	663
Spurious Link State	664
STP Disabled for Port	665
STP Disabled for STPD	666
STPD Instance Does Not Exist	667
STPD Malloc Failed	668
STPD Table Malloc Failed	669
STP Port Creation Failed	670
STP Port Does Not Exist	671
STP Port Malloc Failed	672
STPD Tag Removal Failed	673
SuperBridge Error	674
System Overheated	675
Stuck Interrupt	676
Task Exceeded Stack Boundary	677
Task Failed	678
Timer Delay Exceeds Capacity	679
Timer Error, Non-Expired Bucket	680
Timer Error, Wrong Bucket	681
tNetTask Panic	682
Trying to Put Block in Free List	683
Unable to Allocate PTAG	684
Unable to Create Message Queue	685
Unable to Locate MAC	686
Unable to Start Watchdog Timer	687
Unknown Message Type	688
Unknown PDU Type	689
Unknown TLV	690
Untagged Port Mismatch	691
Cannot Update ACL Rule	692
User Account Out of Range	693
VLAN Already Controls Another Domain	694
VLAN Already Exists	695
VLAN Bind Failed	696

VLAN Does Not Contain Port	697
VLAN ID Already Bound	698
VLAN ID No Longer in STPD	699
VLAN Is Not Control VLAN	700
VLAN Is Not Protected VLAN	701
Port Number Out of Range	702
Slot Number Out of Range	703
Too Many Announcements on Port	704
FDB Scan Entries Remapped	705
Problem with I/O Modules	706
Bridge and EAPSD Link Exists	707
Changing QoS Policy Default Value	708
Netlogin VLAN: IP Address Not Configured	709
Write Error While Download in Progress	710
Saving Configuration While Downloading an Image	711
Vendor Information Not Available	712
Bootstrap and Bootloader Not Configured	713
TFTP Errors on Port	714
DVMRP PDU: Message Queue Send Error	715
DVMRP Watchdog Timer: Message Queue Send Error	716
Missed ESRP Hello From Neighbor	717
Network Connectivity to Switch Lost	718
Too Many TFTP Attempts	719
DVMRP: Buffer Allocation Failed	720
PIM Checksum Failed	721
PIM Packet Type Unknown	722
PIM Version Failure	723
Bridge Learn Frame Dropped	724
Malformed Packet	725
Errors In SNMP Requests Received	726
Active Untagged STP Port Mismatch	727
Another Active Dot1D	728
STP Domain Instance Does Not Exist	729
STP Port Does Not Exist	730

VLAN ID Not in STP Domain	731
BPDU Carrier VLAN Not Auto-Bind	732
STP Disabled	733
DVMRP: Received Bad Metric	734
DVMRP: Prune Received From Non-DVMRP Neighbor	735
DVMRP: Received Short Prune NBR On VLAN	736
DVMRP: Access Violation	737
DVMRP: Allocating Packet Memory On VLAN Failed	738
DVMRP: Allocating Memory For NBR Failed	739
DVMRP: No Route For Group	740
DVMRP: Allocating Memory To Transmit Prune Failed	741
DVMRP: Group And Source Does Not Match In Graft	742
DVMRP: NBR With Same IP Address Rejected	743
Support Login Access Disabled	744
Bridge Entry Not Found	745
Freed MBUF	746
Corrupted Buffer Detected	747
Accessing Memory Block Failed	748
Operation Blocked	749
Deleting Bridge Interface for VLAN Failed	750
Adding EAPS Domain Failed	751
Configure EAPS Shared-port On Port	752
Reached Maximum Limit of ESD Instance	753
EAPS Task Not Running	754
PDU Type Unknown	755
Neighbor's Mode	756
Neighbor Unreachable	757
Segment-Timer Exists for Segment Port	758
Shared-port-timer Exists	759
EAPS: Port Not Added For Protected VLAN	760
EAPS: Shared-Port Not Configured	761
EAPSD: Deleting VLAN Interface Failed	762
EAPSD: Protected VLAN Not Added to EAPS Domain	763
EAPS: Already The Control VLAN on the Domain	764

	EAPSD: VLAN Already Part of Another EAPS Domain	765
Chapter 6	Notice Messages	
	Current Below Specification	767
	Current Over Specification	768
	Port Cannot Power	769
Chapter 7	Informational Messages	
	Bad PoE Hardware	771
	Calibration Data Updated	772
	Cannot Allocate Memory Buffer	773
	Disabling EAPS	774
	EEPROM Read Retried	775
	Enabling EAPS	776
	Fail Timer Flag Cleared, EAPS=E05B	777
	Fail Timer Flag Cleared, EAPS=VLAN1	778
	Fail Timer Flag Set	779
	Fast Age Out	780
	Firmware Revision	781
	Firmware Update Required	782
	Flush PDU	783
	High CPU Utilization, mportTask	784
	Log Cleared	785
	Master Domain State Changed to Idle	786
	Master Domain Stopped, Primary Port Status Unknown	787
	Master Node State Changed to Complete	788
	Master Node State Changed to Failed	789
	Master Node State Changed to Init	790
	Master State Changed to Complete	791
	Memory Allocation	792
	Old Power Supplies	793
	PoE Firmware Download Completed	794
	PoE Initialized	795
	PoE Power Supply Unit State Change	796
	Port Power State Change	797

Port Status Changed to Up	798
Power Is Up for Slot	799
Power Supply Failure, Switching to Backup	800
Preforward Timer Expired, EAPS=E38A	801
Preforward Timer Expired, EAPS=VLAN1	802
Primary Port Status Changed to Blocked	803
Primary Port Status Changed to Down	804
Primary Port Status Changed to Up, from Blocked	805
Primary Port Status Changed to Up, from Unknown	806
QoS Profile, Invalid QoS Configuration	807
Reached G1 Limitation	808
RIP, MBZ Field	809
Ring Break, Flush Transit FDB	810
Ring Down, Flush Domain FDB	811
Ring State Complete	812
Ring Up, Flush FDB on Domain	813
Ring Up, Flush FDB on Transits	814
Ring-Port State Changed to Link-Down	815
Secondary Port Status Changed to Blocked	816
Secondary Port Status Changed to Down, from Blocked	817
Secondary Port Status Changed to Down, from Up	818
Secondary Port Status Changed to Init	819
Secondary Port Status Changed to Preforwarding	820
Secondary Port Status Changed to Unknown, from Blocked	821
Secondary Port Status Changed to Unknown, from Up	822
Secondary Port Status Changed to Up, from Blocked	823
Secondary Port Status Changed to Up, from Down	824
Secondary Port Status Changed to Up, from Unknown	825
SSH Cipher	826
System Rebooted	827
Transit Domain State Changed to Idle	828
Transit Domain Stopped, Primary Port Status Unknown	829
Transit Node State Changed to Down	830
Transit Node State Changed to Links-Up	831

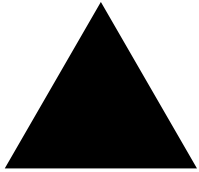
Transit Node State Changed to Links-Up, from Idle	832
Updating PoE Calibration	833
User Logged Out from Telnet	834
Index Position	835
SNMP Object Identification	836
Initializing GPP Module	837
Aborted Cable Diagnostics in Auto Mode	838
Started Cable Diagnostics in Manual Mode	839
BootROM image: Bad CRC	840
Updating BootROM Image	841
BootROM Image: Wrong Magic	842
PSU Output Ready	843
Binding IP Address Information	844
No Wireless Interface	845
File Type Mismatch	846
Latest Image Present in AP	847
TFTP Error on Wireless Port	848
TFTP Error – Failed to clear Image on Flash	849
Wireless Port Version Conflict	850
Writing Runtime Image to Flash	851
Wireless Port Version Mismatch: TFTP Failed	852
PSU-x Output Failed	853
PSU-A Installed	854
MAC Address Found In MAC Filter Table	855
Card In Blank State	856
Card Type Not Supported	857
Power Up Card	858
No Power To Support Card	859
Power Down Card	860
Card In Prestart State	861
Card Set To Fail State	862
Card Set To Power Down	863
Slot Disabled	864
Total Number of Cards Powered UP	865

Upgrading Bootstrap: Do Not Remove Power	866
Upgrading Bootloader: Do Not Disconnect Power	867
Operating With Reserve Power	868
Bridge Learning: New Entry for Frame	869
Bridge Learning: Changing Static Entry Failed	870
Bridge Learning: Updating Frame Entry	871
Switch Configuration Changed Using SNMP	872
Output Not in Mirror-card	873
Setting Card State Delayed	874
Card State Set To Mismatch	875
Card State Set To Unknown	876
Converting Serial EEPROM To New Format	877
EEPROM: Wrong Backplane Number	878
Output Not in Mirror-Card	879
ESD Stopped	880
ESD Started	881
ESD Segment Timer Flag Set	882
ESD Segment Timer Flag Cleared	883
Neighbor Reachable	884
Link Down PDU Not Processed	885
Processing Link Down PDU	886
Segment Timer Expired	887
ESD Domain Blocked	888
Shared Port Status Changed to Blocking, from Ready	889
Shared Port Status Changed to Preforwarding, from Blocking	890
Shared Port Status changed to Ready, from Preforwarding	891
Shared Port Status Changed to Ready, from Idle	892
Shared Port Status Changed to Ready, from Blocking	893
Segment Port Status Changed to Down, from Up	894
Segment Port Status Changed to Up, from Down	895
Shared Port Status Changed to Up, from Down	896
Shared Port Status Changed to Down, from Up	897
EAPSD: Received PDU RingDown Flush FDB PDU	898
EAPSD: Received Ring UP Flush FDB PDU	899

EAPSD: Received Link Up PDU	900
EAPSD: Received Link Down PDU	901
EAPSD: Received Query Link Status PDU	902
EAPSD: Received Health PDU, Ring State Complete	903
EAPSD: Received Health PDU on Primary Port	904
EAPSD: State Transition to Down, from Up	905
EAPSD: State Transition to Unknown, from UP	906
EAPSD: State Transition to Up, from Down	907
EAPSD: State Transition to Blocked, from Down	908
EAPSD: State Transition to Unknown, from Blocked	909
EAPSD: State Transition to Up, from Blocked	910
EAPSD: State Transition to Up, from Unknown	911
EAPSD: State Transition to Link Down, from Links Up	912
EAPSD: State Transition to Preforwarding, from Link Down	913
EAPSD: State Transition to Links Up, from Preforwarding	914
EAPSD: State Transition to Idle, from Complete	915
EAPSD: State Transition to Failed, from Complete	916
EAPSD: State Transition to Init, from Idle	917
EAPSD: State Transition to Failed, from Idle	918
EAPSD: State Transition to Links Up, from Idle	919
EAPSD: State Transition to Complete, from Init	920
EAPSD: State Transition to Failed, from Init	921
EAPSD: State Transition to Init, from Failed	922
EAPSD: State Transition to Complete, from Failed	923
EAPSD: State Transition to Idle, from Failed	924
EAPSD: Link Down State Not Changed	925
EAPSD: Preforward Timer Expired	926
EAPSD: Fail Timer Expiry Flag Set	927
EAPSD: Fail Timer Expiry Flag Cleared	928
Bootloader Upgrade Complete	929
Bootloader Upgrade Failed	930
Stack Reconverged	931
Secondary Radius Server Selected	932
Primary Radius Server Selected	933

Radius Receive Time Out	934
Invalid Message Authenticator	935
User Authenticated by Radius Server	936
Nonexistent Radius User or Wrong Password	937
Chapter 8 Debug Messages	
100 Messages Queued	939
Failed to Add Address	940
Invalid Destination	941
MAC Based VLAN	942
pqmWaitKill Failed	943
PTAG Error, NGDelCard	944
QuakeWaitPbut2CacheXfer Failed	945
Recv Buffers Not Empty	946
RIP/VLSM	947
Failed to Send IP FDB Age Message	948
Failed to Send FDB Age Message	949
MAC Address Authenticated	950
RpSearchNetLoginRomObjectList: Searching for URL Path	951
Requested URL Not Found	952
Associated MAC Not Found	953
Conflicting IP Address – Route Ignored	954
Card State Information	955
Set Request Failed on OID	956
Invalid Learn from NMC Card	957
Access Violation: Packet Rejected	958
IP DA installed In Hardware FDB Table	959
No Matching Filter For VLAN-Port Combination	960
FDB Updated On Port	961
Updating FDB On Port With Mirroring Enabled	962
Radius Authentication Request Sent	963
Radius Unreachable or Incorrect Radius IP	964
Packet Header	965
Attributes in the Packet	966

Index



Preface

This guide lists the most common ExtremeWare error messages, and provides the following for each:

- Software version
- Hardware version
- Explanation
- Action

Introduction

ExtremeWare sends these error messages to the console or log during normal operation.

Some of these messages are informational, some help diagnose problems, and some indicate problems. Each message is assigned one of the following severity codes:

1—emergency—These messages indicate severe problems that require immediate corrective action.

2—alert—These messages indicate problems that require corrective action as soon as possible.

3—critical—These messages indicate problems that require corrective action.

4—error—These messages indicate problems that need corrective action, but not immediately.

5—warning—These messages notify possible conflicts that might require corrective action.

6—notice—These messages are informational only and does not require any corrective action.

7—informational—These messages are informational only and does not require any corrective action.

8—debug—These messages are used to track software defects and does not require corrective action.

For all errors, please check the “Issues Resolved In” sections in the latest *ExtremeWare Installation and Release Notes* to see if the error message indicates an issue that has been corrected in a recent software release.

Conventions

Table 1 and Table 2 list conventions used throughout this decoder.

Table 1: Notice Icons




Icon	Notice Type	Alerts you to...
	Note	Important features or instructions.
	Caution	Risk of personal injury, system damage, or loss of data.
	Warning	Risk of severe personal injury.

Table 2: Text Conventions

Convention	Description
Screen displays	This typeface represents information as it appears on the screen, or command syntax.
The words “enter” and “type”	When you see the word “enter” in this guide, you must type something, and then press the Return or Enter key. Do not press the Return or Enter key when an instruction simply says “type.”
[Key] names	Key names appear in text in one of two ways: <ul style="list-style-type: none"> Referred to by their labels, such as “the Return key” or “the Escape key” Written with brackets, such as [Return] or [Esc] If you must press two or more keys simultaneously, the key names are linked with a plus sign (+). Example: Press [Ctrl]+[Alt]+[Del].
Words in <i>italicized</i> type	Italics emphasize a point or denote new terms at the place where they are defined in the text.

Related Publications

Documentation for Extreme Networks products is available on the World Wide Web at the following location:

<http://www.extremenetworks.com/services/>



Emergency Error Messages

Emergency errors indicate severe problems that require immediate corrective action.

Check the “Issues Resolved In” sections in the latest *ExtremeWare Installation and Release Notes* to see if the error message indicates an issue that has been corrected in a recent software release.

cluster mbufs

```
MCLGET: No cluster mbufs. Task 86708f30
gw-517 last message repeated 29 times
gw-517 KERN: MCLGET: No cluster mbufs. Task 8612b7b0
gw-517 KERN: MCLGET: No cluster mbufs. Task 86708f30
gw-517 KERN: MCLGET: No cluster mbufs. Task 8612b7b0
gw-517 KERN: MCLGET: No cluster mbufs. Task 8612b7b0
gw-517 KERN: MCLGET: No cluster mbufs. Task 86708f30
```

Software Version

All ExtremeWare versions

Hardware Version

All

Explanation

These messages indicate that the total free memory buffers have become 0. This can be caused by a software or hardware problem.

Action

When the switch runs out of MBufs for any reason, it will print a full dump of the occurrence in the syslog. If the system has not recovered (i.e., network connectivity is lost), use the `show tech-support` and `show log` commands to capture the log and reboot the switch. Monitor the switch to ensure that this problem does not recur due to hardware-related memory problems. Send the log information to Technical Support to review the configuration to ensure that nothing specific to the configuration is causing the problem.

Diagnostic Failure, Port

N6_OOB_BD6800 PORT: Port 3:19 failed in diagnostic, it is disabled
DIAG: Slot 4 port 34 Failed vlan loop back test

Software Version

ExtremeWare 4.x, 6.1.5, and later

Hardware Version

BlackDiamond

Explanation

These messages indicate that a port failed diagnostics.

Action

Check the system and replace the I/O module as necessary.

Hot Swap

```
SWL-AL03 KERN: ngRxFFirst failed WTX2 - (9, e0, 4000)  
SWL-AL03 SYST: MSM A Card Shutdown called
```

Software Version

ExtremeWare 6.1.9b17 and later

Hardware Version

BlackDiamond

Explanation

These messages indicate that the module has been hot swapped while traffic was present.

Action

Remove and re-insert the module into the slot.

No Power Values

PWR MGMT: System is using no power values:

Software Version

ExtremeWare 6.1.x

Hardware Version

BlackDiamond “i” series

Explanation

This message indicates a problem with power values. While EEPROM on the power supply unit was being read, an unknown power supply type has been indicated. This can happen due to multiple reasons such as faulty power supply or other read errors.

Action

Contact Technical Support to troubleshoot the problem.

netJob Error

```
fdbAgeTask panic: netJobAdd: ring buffer overflow!  
tNetTask panic: netTask: netJobRing overflow!
```

Software Version

ExtremeWare 6.1.5b23

Hardware Version

BlackDiamond "i" series

Explanation

These messages indicate that the MSM64i has run out of memory.

Action

Contact Technical Support to troubleshoot the problem.

POST Failure

```
<INFO:DIAG> Slot 1 failed PQM internal memory test
<WARN:DIAG> Slot 1 PQM ASIC failed register test
<WARN:DIAG> Slot 1 failed FDB memory test
<CRIT:DIAG> FDB extension memory bus failed at data bit
<WARN:DIAG> Slot 1 failed VPST memory test
<CRIT:DIAG> VPST memory bus test failed at data bit 19
<WARN:DIAG> Slot 1 AFC ASIC failed register test
<CRIT:DIAG> Slot 1 RR No. 7 failed ASIC register test
```

Software Version

All ExtremeWare

Hardware Version

All

Explanation

These messages indicate that a slot (slot 1) has failed the Power On Self Test (POST); therefore, it is a hardware problem.

Action

Replace the I/O module in the slot (slot 1).

VDSL Read/Write

Could not read VDSL reg 0x8c00 on 4:1
Could not write VDSL reg 0x8c00 on 4:1

Software Version

ExtremeWare 6.1.8W301b51

Hardware Version

VDSL

Explanation

These messages indicate a hardware failure that is most likely limited to the one port reported.

Action

RMA the module.



Alert Messages

Alert messages indicate problems that require corrective action.

Check the “Issues Resolved In” sections in the latest *ExtremeWare Release Notes* to see if the error message indicates an issue that has been corrected in a recent software release.

Flash Error

```
SYST: ERROR: eraseFlashBlock failed local erase word = ff0ffc30 sector = 4 addr = fec80000 error: ff0ffc30
```

Software Version

All ExtremeWare versions

Hardware Version

All

Explanation

This message indicates general system errors with the flash memory.

Action

Save your configuration. If you cannot save, reboot the system (you will lose unsaved configuration changes).

If the reboot does not fix the problem, contact Technical Support.

ipmcDelCache Problem

MIKE: FIXME: ipmcDelCache problem. g/s/m=229.55.150.208/16.100.104.0/255.255.252.0.

Software Version

ExtremeWare 4.1.x

Hardware Version

BlackDiamond and Summit

Explanation

This message indicates that you are trying to remove an entry whose PTAG entry might be invalid. This can occur as a result of running out of internal resources in the router (PTAGs).

Action

If you have a connectivity problem, check the entries for the affected host using the following commands:

- `show igmp snooping`
- `show ipmc cache all`
- `show dvmrp route detail` - if DVMRP is configured
- `show pim-dm vlan <vlan_name>` - if PIM-Dense is configured
- `show fdb`
- `show ipfdb`
- `show iproute`

Contact Technical Support and provide them with the output of these commands.

If you do not have a connectivity problem, monitor the network for this message.

If it occurs again, check the entries for the affected host using the preceding commands, and contact Technical Support.

VDSL Port Not Ready

```
VDSL port not ready: 4:1(3)  
Port 4:1 failed to be initialized correctly
```

Software Version

ExtremeWare 6.1.8W301b51

Hardware Version

VDSL

Explanation

These messages indicate that there was an error during the initialization of the VDSL port, which is a result of a hardware failure on the module.

Action

Troubleshoot the loop for noise, which can be due to:

- Electromagnetic Interference (EMI) in VDSL link
- Loose cable connection
- Bad or dirty connector on the cable

VDSL Task Message

VDSL err task message failure

Software Version

ExtremeWare 6.1.8W301b51

Hardware Version

VDSL

Explanation

This message indicates that ExtremeWare could not send the “loss of normal or low voltage” power change message.

Action

Contact Technical Support to troubleshoot the problem.

Cable Diagnostics on Port Failed

Cable Diags Failed: Port [1:21], Mode [Auto]\n

Software Version

ExtremeWare 7.3

Hardware Version

BlackDiamond

Explanation

This message indicates that the cable diagnostic module has detected a fault on the cable connected to port 1:21.

Action

Check the cable connected to port 1:21. If found to be faulty, replace the cable.

Disable Port Failed

Cable Diags Alert: Unable to Disable Port [2:16]

Software Version

ExtremeWare 7.3

Hardware Version

BlackDiamond

Explanation

This message indicates that the cable diagnostic module failed to disable port 2:16 before running the diagnostics.

Action

Check whether the port is part of any load sharing group. If the port is part of any load sharing group, disable the sharing on the port and then run the cable diagnostics.

Restoring Permanent FDB MAC Entries Failed

- fdbParseNv: Get GM_FDB_MAC_ENTRY <index> returned error
- fdbParseNv: Get GM_FDB_PORT_ENTRY <index> returned error

Software Version

ExtremeWare 7.3

Hardware Version

All "i" and "e" series switches

Explanation

This message indicates that the switch encountered an error while restoring the permanent FDB (Forwarding Database) MAC entries.

Action

Contact Technical Support.



Critical Messages

Critical messages indicate problems that require corrective action.

Check the “Issues Resolved In” sections in the latest *ExtremeWare Installation and Release Notes* to see if the error message indicates an issue that has been corrected in a recent software release.

Calibration Required, Programming Failure

Slot X requires PoE calibration - programming failure

Software Version

ExtremeWare 7.2.0bx

Hardware Version

FM32P modules only

Explanation

This message indicates that an attempt to program the firmware with calibration values failed. Without proper calibration values, the port may have problems detecting a powered device.

Action

RMA the blade.

Cannot Start EAPS

<CRIT:EAPS> eaps.c 421: Error! spawning EAPS task

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that the Ethernet Automatic Protection Switching (EAPS) task could not be started.

Action

The switch may have become unstable. Contact Technical Support.

Checksum Error on CPU Packet

<CRIT:KERN> ERROR: Checksum Error on CPU received pkt.

Software Version

ExtremeWare 6.1.8b12 and later

Hardware Version

All “i” series

Explanation

This message indicates a new CPU Cyclic Redundancy Check (CRC). It prevents bad packets from being passed up to the CPU.

Action

If this error is seen only once in the log, no action is necessary.

If you are using ExtremeWare 6.2.1 (or earlier), use the `show log` and `show tech-support` commands, capture the output, and contact Technical Support to troubleshoot the problem.

If you are using ExtremeWare 6.2.1 (or later), system health check can be enabled. If the system check is enabled, three consecutive occurrences of the above error triggers automatic recovery of the port or the module. If the software can detect the error, it will correct the error. However, if the software is unable to detect the error, it will take the module offline.



NOTE

If you are using ExtremeWare 6.2.1 or later, run the `pktScan` utility to identify and correct the problem.

If you are using ExtremeWare 6.2.2 (or later), you can take the module either offline or keep it online even if automatic recovery fails.

Checksum Error on CPU Packet of 64

```
<CRIT:KERN> ERROR: Checksum Error on CPU recived pkt of 64 from port 8.  
status=0x3/0x500
```

Software Version

ExtremeWare 6.1.8b12 and later

Hardware Version

All “i” series

Explanation

This message indicates a health check.

Action

No action is necessary.

Checksum Error on External Port

<CRIT:PORT> ERROR: Checksum Error on external port Slot 6 port 47, Previous=0xeb,
Current=0x71

Software Version

ExtremeWare 6.1.8b12 and later

Hardware Version

All "i" series

Explanation

This message indicates that the switch fabric has detected an external corruption of the packets on slot 6, port 47.

Action

If this error is seen only once in the log, no action is necessary.

If you are using ExtremeWare 6.2.1 (or earlier), use the `show log` and `show tech-support` commands, capture the output, and contact Technical Support to troubleshoot the problem.

If you are using ExtremeWare 6.2.1 (or later), system health check can be enabled. If the system check is enabled, three consecutive occurrences of the above error triggers automatic recovery of the port or the module. If the software can detect the error, it will correct the error. However, if the software is unable to detect the error, it will take the module offline.



NOTE

If you are using ExtremeWare 6.2.1 or later, run the `pktScan` utility to identify and correct the problem.

If you are using ExtremeWare 6.2.2 (or later), you can take the module either offline or keep it online even if automatic recovery fails.

Checksum Error on Internal Port

<CRIT:PORT> ERROR: Checksum Error on internal port Slot 3 port 7, Previous=0xd2d2, Current=0x4b4b

Software Version

ExtremeWare 6.1.8b12 and later

Hardware Version

All “i” series

Explanation

This message indicates that the switch fabric has detected an internal corruption of the packets on slot 3, port 7.

Action

If this error is seen only once in the log, no action is necessary.

If you are using ExtremeWare 6.2.1 (or earlier), use the `show log` and `show tech-support` commands, capture the output, and contact Technical Support to troubleshoot the problem.

If you are using ExtremeWare 6.2.1 (or later), system health check can be enabled. If the system check is enabled, three consecutive occurrences of the above error triggers automatic recovery of the port or the module. If the software can detect the error, it will correct the error. However, if the software is unable to detect the error, it will take the module off line.



If you are using ExtremeWare 6.2.1 or later, run the `pktScan` utility to identify and correct the problem.

If you are using ExtremeWare 6.2.2 (or later), you can take the module either offline or keep it online even if automatic recovery fails.

Checksum Error on Motherboard

```
<CRIT:KERN> Sys-health-check [CPU] checksum error on M-BRD
```

Software Version

ExtremeWare 7.2 and later

Hardware Version

All

Explanation

The motherboard of a Summit switch received a CPU checksum error. A packet that was sent to the CPU had a checksum error.

Action

If the system reports more than three errors (any combination) within a 60 minute period, the system needs attention. Given downtime availability, manual packet-memory diagnostics should be run, followed by extended diagnostics.

```
run diagnostic packet-memory slot <slot #>  
run diagnostic extended slot <slot #>
```

Checksum Error on MSM

<CRIT:KERN> ERROR: Checksum Error on MSM-A

Software Version

ExtremeWare 6.1.8b12 and later

Hardware Version

BlackDiamond “i” series

Explanation

This message indicates that the checksum on an EDP packet has failed, the port is internal, and MSM A has an internal PBus error.

This implies that the checksum error is induced on MSM A.

Action

If this error is seen only once in the log, no action is necessary.

If you are using ExtremeWare 6.2.1 (or earlier), use the `show log` and `show tech-support` commands, capture the output, and contact Technical Support to troubleshoot the problem.

If you are using ExtremeWare 6.2.1 (or later), system health check can be enabled. If the system check is enabled, three consecutive occurrences of the above error triggers automatic recovery of the port or the module. If the software can detect the error, it will correct the error. However, if the software is unable to detect the error, it will take the module offline.



If you are using ExtremeWare 6.2.1 or later, run the `pktScan` utility to identify and correct the problem.

If you are using ExtremeWare 6.2.2 (or later), you can take the module either offline or keep it online even if automatic recovery fails.

Checksum Error on EDP Packet and Slot 1

<CRIT:KERN> ERROR: Checksum Error on Slot 1

Software Version

ExtremeWare 6.1.8b12 and later

Hardware Version

All “i” series

Explanation

This message indicates that the checksum on an EDP packet has failed, the port is internal, and the checksum error is induced on slot 1 which has one or more: PBus internal/external errors, CPU packets, or CPU dialogue packet errors.

Action

If this error is seen only once in the log, no action is necessary.

If you are using ExtremeWare 6.2.1 (or earlier), use the `show log` and `show tech-support` commands, capture the output, and contact Technical Support to troubleshoot the problem.

If you are using ExtremeWare 6.2.1 (or later), system health check can be enabled. If the system check is enabled, three consecutive occurrences of the above error triggers automatic recovery of the port or the module. If the software can detect the error, it will correct the error. However, if the software is unable to detect the error it, will take the module offline.



NOTE

If you are using ExtremeWare 6.2.1 or later, run the `pktScan` utility to identify and correct the problem.

If you are using ExtremeWare 6.2.2 (or later), you can take the module either offline or keep it online even if automatic recovery fails.

Checksum Error on PoE Calibration Data

Slot X PoE calibration data checksum failure

Software Version

ExtremeWare 7.2.0bx

Hardware Version

FM32P modules only

Explanation

This message indicates that the checksum on the PoE calibration data has failed. The data could be invalid.

Action

RMA the blade.

CPU Dialogue

<CRIT:SYST> Missed CPU diag data (type 4) on card 3

Software Version

ExtremeWare 6.1.7 and earlier

Hardware Version

BlackDiamond

Explanation

This message indicates that the health-check messages which are being sent from the I/O module to the MSM64i have not been received within 3 seconds.

Action

Use the `show diag` command and look at the `diag fail` column for missing packets. If the same I/O modules have missed packets on both MSM A and MSM B, this indicates a problem with the I/O module.

If you have a spare I/O module, swap it into the switch.

If the problem persists, swap this I/O module with one that is not experiencing the problem.

If the problem follows the I/O module, RMA the module. If the problem stays with the slot, RMA the switch.

Decoder Timeout

PORT: Slot 7 port 2 lane 2 decoder timeout! RR_Decoder = 0

Software Version

ExtremeWare 4.x and 6.x

Hardware Version

BlackDiamond and Summit

Explanation

This error indicates that there is a problem in bringing up the internal backplane of the I/O module.

Action

Contact Technical Support to troubleshoot the problem.

If the problem persists, upgrade to the latest software.

EAPS Domain Does Not Exist

<CRIT:EAPS> eaps.c 4853: Error! EAPS domain does not exist for instance 1

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that there is an invalid internal number for the EAPS domain.

Action

EAPS task may have become unstable. Contact Technical Support.

EAPS Instances Exceeding Limit

```
<CRIT:EAPS> eaps.c 2639: ERROR! Reached maximum limit of EAPS instances
<INFO:SYST> serial admin: create eaps domain_67
<CRIT:EAPS> eaps.c 2639:ERROR! Reached maximum limit of EAPS instances
<INFO:SYST> serial admin: create eaps domain_66
<CRIT:EAPS> eaps.c 2639:ERROR! Reached maximum limit of EAPS instances
<INFO:SYST> serial admin: create eaps domain_65
```

Software Version

ExtremeWare 6.2x and later

Hardware Version

All “i” series

Explanation

These messages indicate that you tried to configure more than 64 domains; therefore, you are exceeding your limit.

Action

Reduce the domain configuration to 64 or below.

EAPS Send

```
<CRIT:KERN>eaps.c407:Error!eapsWdTime:msgQSenerror3997698,errmsg_count4
```

Software Version

ExtremeWare 6.2.1b17

Hardware Version

BlackDiamond

Explanation

This message indicates that the EAPS timer has reached 5; therefore, EAPS packets are not sent out from the buffer.



NOTE

The EAPS timer starts as soon as the EAPS task starts.

Action

If you see this message during the boot-up process, ignore it. During the boot-up process, if the MSM64i is up, but all other modules are still initializing, the switch will be unable to send these packets out.

You should not see this message during working-environment time. If any task crashes or any task consumes CPU time that does not allow other tasks to execute, use the `top` command to capture the percentage of tasks executed in CPU and use `show tech-support` command to capture the log. Contact Technical Support for further analysis.

EPC Task Crash

```
<CRIT:SYST> Task: 0x8b5ea8b0 "tBGTask"  
<CRIT:SYST> Access Address: 0x00000017  
<CRIT:SYST> Cause Register: 0x00001010  
<CRIT:SYST> Status Register: 0x3400ad00  
<CRIT:SYST> Exception Program Counter: 0x803ada38  
<CRIT:SYST> Address load Exception
```

Software Version

All ExtremeWare versions

Hardware Version

All

Explanation

These messages indicate a generic task crash dump on a switch. Extreme Networks must get additional information in order to find out specifically what crashed. This indicates a possible software problem. This can happen to any task (such as, tEDPTask, tbgpTask)

Action

Use the `show log` and `show tech-support` commands and contact Technical Support with all of the data to troubleshoot the problem.

Fail Timer Expired, State Complete

```
<CRIT:EAPS> eaps_runtime.c 2429: Fail timer expired, while state is Complete,  
EAPS="E05B"
```

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that the fail timer expired while the state is Complete. If there is an actual break in the ring, the Master should receive a Link-Down message from the Transit. If the Master does not receive a Link-Down message from Transit, and does not receive its own Health-Check-Pdu for 3 seconds, there is a problem in the ring that must be resolved as soon as possible.

Action

Troubleshooting is required immediately. Is there an actual break in the ring? Was a Link-Down_pdu sent to the Master? Is the ring complete, but due to a misconfiguration of the Control VLAN, the Master is not receiving its own PDUs? Is there a broadcast storm on the ring which is why the Master's PDUs are getting dropped? Is there a hardware problem on one of the switches that is not allowing the control PDUs to go through?

Fail Timer Expired, State Init

```
<CRIT:EAPS> eaps_runtime.c 2429: Fail timer expired, while state is Init, EAPS="eaps1"
```

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that the fail timer expired while the state is Init. However, the fail timer should not expire. If there is an actual break in the ring, the Master should receive a Link-Down message from the Transit. If the Master does not receive a Link-Down message from Transit, and does not receive its own Health-Check-Pdu for 3 seconds, there is a problem in the ring that must be resolved as soon as possible.

Action

Troubleshooting is required immediately. Is there an actual break in the ring? Was a Link-Down_pdu sent to the Master? Is the ring complete, but due to a misconfiguration of the Control VLAN, the Master is not receiving its own PDUs? Is there a broadcast storm on the ring which is why the Master's PDUs are getting dropped? Is there a hardware problem on one of the switches that is not allowing the control PDUs to go through?

Firmware Download Failed

Slot X PoE firmware download failure - mismatch version IDs

Software Version

ExtremeWare 7.2.0bx

Hardware Version

FM32P modules only

Explanation

This message indicates that the firmware's version does not match the version supported by this version of ExtremeWare.

Action

Run CLI to download the firmware.

Hardware Failure, Attempting to Initiate Corrective Action

<CRIT:SYST> Sys-health-check [ACTION] (PBUS checksum)
(CARD_HWFAIL_PBUS_CHKSUM_EDP_ERROR) M-BRD

Software Version

ExtremeWare 7.2 and later

Hardware Version

All

Explanation

The motherboard on the Summit switch detected a EDP checksum error in the PBUS system of the Motherboard, causing a failure.

This is a corrective action message. It is to alert the user that, if a corrective action was configured, it will take action now. If no corrective action was configured, then nothing happens.

Action

Informational only. No action needed.

High CPU Utilization, fdbAgeTask

```
<CRIT:SYST> task fdbAgeTask cpu utilization is 100% PC: 80175f98
```

Software Version

ExtremeWare 6.x

Hardware Version

All

Explanation

If this message appears continuously, it indicates that the fdbAgeTask is using most of the CPU power. It is most likely caused by a problem within the network (such as, broadcast storm, packet storm).

If this message appears occasionally, it indicates that the task consumed high CPU cycles at some point in time. As a result, you see an increase in fdbAgeTask number.

This error occurs on switches with multiple MAC addresses that are associated with IP FDB entries. Upon aging the MAC addresses according to the user-specified MAC aging timer, the system becomes unresponsive because the MAC entries have been flushed from the database. Subsequently, this message is printed in the log indicating that the fdbAgeTask consumed a high amount of CPU power.

Action

If this message appears continuously, check the network topology and ensure that no loops exist in the network. Check port statistics to determine where heavy traffic is coming in.

If you are using ExtremeWare 6.1.5b20 or earlier, upgrade to the latest software.

If this message appears occasionally, no action is necessary.

High CPU Utilization, tSnmpd

```
<CRIT:SYST> task tSnmpd cpu utilization is 94% PC: 805aaaa4  
<CRIT:SYST> last message repeated 1 times
```

Software Version

ExtremeWare 6.1

Hardware Version

All

Explanation

These messages indicate that the SNMP task is taking up excessive CPU time. ExtremeWare 6.1.4b20 and earlier creates this message when you perform an SNMP `bulkget` or if there are many SNMP queries sent to a switch that has more than 1,000 VLANs defined.

Action

Upgrade to the latest software.

If the problem persists, contact Technical Support with all of the environment details, especially the SNMP application you are using.

Illegal Calibration Data

Slot X PoE calibration data illegal

Software Version

ExtremeWare 7.2.0bx

Hardware Version

FM32P modules only

Explanation

This message indicates that the blade has illegal calibration data.

Action

RMA the blade.

Invalid EAPS Domain Instance

<CRIT:EAPS> eaps_runtime.c 1403: Error! Invalid EAPS Instance. vlanId=1001

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that the incoming EAPS PDU is mapped to an invalid EAPS domain.

Action

EAPS task may have become unstable. Contact Technical Support.

Invalid EAPS Domain Instance 65, Out of Range

<CRIT:EAPS> eaps.c 3406: Error! EAPS Domain instance 65 out of range

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that there is an invalid internal number for the EAPS domain.

Action

The EAPS task may have become unstable. Contact Technical Support.

Invalid Object ID

<CRIT:EAPS> eaps.c 4886: Error! Unknown gmId 0x<integer>

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that there is an invalid EAPS object ID.

Action

Probably using an incorrect software image. Contact Technical Support.

Invalid PTAG

<CRIT:SYST> ptagInvalidSlotFunc() called (00000003, 00000204, 00000060, 00000ffd)

Software Version

All ExtremeWare versions

Hardware Version

Alpine

Explanation

This message indicates that the switch rebooted when the module with the slave load-sharing port was not present in the switch.

If the slave port module is present and you get this message, you need the ExtremeWare 6.2.1b21 patch image. Otherwise you might see the slot mismatch or you might not be able to pass traffic on this load sharing ports group.

Action

If the slave port module is not present, no action is necessary.

If the slave port module is present, upgrade to the latest software.

Maximum EAPS Domains

```
<CRIT:EAPS> eaps.c 3396: Error! Reached maximum limit of EAPS instances
```

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that the maximum limit of EAPS domains exists. You cannot create any more EAPS domains.

Action

Do not create any more EAPS domains, because you have reached the maximum number of supported domains.

Maximum Limit for VLANs

```
<CRIT:EAPS> eaps.c 4946: Error! Already reached max limit of Eapsd-Bridge links 4096
```

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that the maximum limit of EAPS domains to VLAN associations exists. You cannot add any more VLANs.

Action

Do not add any more VLANs as control or protect because you have reached the maximum limit of 4096.

Message Queue Creation Failed

<CRIT:EAPS> eaps.c 407: Error! creating eaps_msgQ

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that the software could not create the message queue while initializing EAPS.

Action

The switch may have run out of resources. Contact Technical Support.

MI I Reset

```
<CRIT:PORT> MAC: Port = 20 failed MII reset  
<CRIT:PORT> MAC: Port = 19 failed MII reset
```

Software Version

All ExtremeWare versions

Hardware Version

All Summit chipset products

Explanation

These messages indicate that either you have booted up the switch for the first time or the link on a port is down. It could be a hardware problem (caused by a bad chip) or a link problem.

Action

If you receive this error when you boot up the switch for the first time, no action is necessary.

If a link is down, check the cable.

If the problem persists, reboot.

If the problem continues after a reboot, RMA the switch.

msgQReceive Error

<CRIT:EAPS> eaps.c 453: Error! msgQReceive returned error

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that the message queue returned an error. This message appears while attempting to process messages from the EAPS queue.

Action

EAPS task may have become unstable. Contact Technical Support.

msgQSend Error, OSPF Exception

Core-A-BD6800 OSPF: ospfWdTime: msgQSend error 3997698

Software Version

ExtremeWare 4.x and 6.x

Hardware Version

All

Explanation

This message indicates that the Open Shortest Path First (OSPF) task has had an exception.

Action

Check for any EPC information prior to this message and use the `show tech-support` command and contact Technical Support to troubleshoot the problem.

MSM64i Packet Problem

```
<CRIT:SYS> CPU health-check packet missing type 0 on slot 5  
<CRIT:SYS> CPU health-check packet problem on card 5  
<INFO:SYS> card.C 1937: card5 (type 20) is reset due to autorecovery config reset  
counter is 1
```

Software Version

ExtremeWare 6.x and later

Hardware Version

All

Explanation

These messages indicate that the system is running a system health-check to check the internal connectivity.

Action

If these messages occur only once or twice, no action is necessary.

If these messages occur continuously, remove and re-insert the module on the slot.

If the removal and re-insertion of the module does not fix the problem, run extended diagnostics on the switch as this could be a hardware problem.

MSM Connection Broken

<CRIT:SYST> The connection between MSM-A daughter board and I/O module 2 is broken, need to fix immediately

Software Version

All ExtremeWare versions

Hardware Version

BlackDiamond

Explanation

This message indicates that the backplane connection between MSM A and the I/O module in slot 2 is broken. One of the two modules is bad. This can be faulty hardware or a seating problem with the modules.

Action

- 1 Remove and re-insert the affected I/O module and MSM.
- 2 If the problem persists, replace the I/O module.
- 3 If the problem persists, re-insert the I/O module and replace the MSM.

If the same message is logged for multiple I/O modules, replace the MSM.

Incorrect seating of one or both of the MSMs can cause connectivity problems between the MSMs and the I/O modules. This can cause a variety of errors to be entered in the system error log. A badly seated MSM can even cause the switch to hang or reboot.

You must properly seat all modules. Insert modules in the following order:

- 1 MSM A
- 2 MSM B
- 3 I/O modules

If you have an MSM32 seating problem, you might see some of the following additional errors:

```
<CRIT:SYST> The broken connection between MSM-A daughter board and I/O module 1 is
recovered
<CRIT:SYST> The connection between MSM-A daughter board and I/O module 4 is broken,
need to fix immediately
<WARN:SYST> Unknown RR address map (shift or not)
<WARN:PORT> Slot 10 port 4 lane 1 ecoder timeout! RR_Decoder = 80034
<DEBUG:KERN> pqmWaitRx Failed. Card 0 is removed
<INFO:HW> Card 4 pulled while receiving packet
```

If you have an MSM64i seating problem, you might see some of the following additional errors:

```
<WARN:SYST> MSM-B may have problem to boot. Reboot it.  
<WARN:SYST> ERROR: PSU-A input failure  
<WARN:SYST> Failed to write vpst slot 2  
<WARN:KERN> Cannot send packet out slot 1. Card not present.  
<CRIT:SYST> Fan(3) is back to normal  
<CRIT:SYST> Fan(3) failed  
<CRIT:HW> Quake Sched RAM request timeout  
<CRIT:HW> Quake Queue Descriptor RAM request timeout  
<DEBUG:KERN> quakeWaitTx Failed. Card 1 is removed.
```

Not a Control VLAN

```
<CRIT:EAPS> eaps.c 627: Error! "v1" is not a Control Vlan
```

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that the VLAN receiving EAPS messages is not configured to be a control VLAN.

Action

If there is a single message, it can be ignored.

If the messages occur on a regular basis, there is probably a software error. Contact Technical Support.

OSPF Assertion Failed

<CRIT:OSPF> assertion failed at ospf_cfg.c:2491

Software Version

ExtremeWare 6.16b19/6.1.7b7

Hardware Version

All “i” series

Explanation

This message is cosmetic.

Action

No action is necessary.

Out of MBufs

```
<CRIT:EAPS> eaps_runtime.c 1231: Error! edpmbuf not available
```

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that an “out of MBufs” error occurred while attempting to send an EAPS PDU.

Action

The switch may have run out of resources. Contact Technical Support.

Out of Memory, Adding Control VLAN

<CRIT:EAPS> eaps.c 4095: Error! Out of memory

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that an out of memory error occurred while adding control VLAN.

Action

The switch may have run out of resources. Contact Technical Support.

Out of Memory, Adding Protected VLAN

<CRIT:EAPS> eaps.c 4192: Error! Out of memory

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that an out of memory error occurred while adding protected VLAN.

Action

The switch may have run out of resources. Contact Technical Support.

Out of Memory, Binding VLAN

<CRIT:EAPS> eaps.c 4450: Error! Out of memory

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that an out of memory error occurred while binding a VLAN to EAPS domain.

Action

The switch may have run out of resources. Contact Technical Support.

Out of Memory, Creating EAPS Domain

<CRIT:EAPS> eaps.c 3413: Error! Out of memory

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that an out of memory error occurred while creating EAPS domain.

Action

The switch may have run out of resources. Contact Technical Support.

Out of Memory, Initializing EAPS

<CRIT:EAPS> eaps.c 384: Error! Out of memory

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that an out of memory error occurred while initializing EAPS.

Action

The switch probably has a memory leak. Contact Technical Support.

Packet Corruption on Motherboard

<CRIT:SYST> Sys-health-check [DIAG] pkt corruption on M-BRD

Software Version

ExtremeWare 7.2 and later

Hardware Version

All

Explanation

This message indicates that a CPU-Diagnostic packet corruption error was received on the Motherboard of the switch. This switch is also a Summit stackable type.

Action

If the system reports more than three errors (any combination) within a 60 minute period, the system needs attention. Given downtime availability, manual packet-memory diagnostics should be run, followed by extended diagnostics.

```
run diagnostic packet-memory slot <slot #>
run diagnostic extended slot <slot #>
```

PoE Calibration Required

Slot X requires PoE calibration

Software Version

ExtremeWare 7.2.0bx

Hardware Version

FM32P modules only

Explanation

This message indicates that the blade was not calibrated and the PoE may not work at all.

Action

RMA the board.

PoE Firmware Update Failed

Slot X PoE firmware update failed

Software Version

ExtremeWare 7.2.0bx

Hardware Version

FM32P modules only

Explanation

This message indicates that a problem occurred while updating the firmware.

Action

Retry updating a few times. If it still fails, contact Technical Support.

Port State Blocked

```
<CRIT:EAPS> eaps_runtime.c 921: Error! State=LINK_DOWN, while Port TmpBlocked! "eaps1"
```

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that the Transit node's state is Link-Down, but has a port in blocked state. This is an illegal situation.

Action

The EAPS task may have become unstable. Contact Technical Support.

Power Supply Failure, No Backup Available

External 48V Supply failure on slot %d, no backup available

Software Version

ExtremeWare 7.2.0bx

Hardware Version

FM32P modules only

Explanation

This informational message indicates a loss of the external PoE power supply and no backup is available. All ports will lose power.

Action

Enable the backup or replace the external supply.

Power Supply Failure, Trying Again Later

Internal 48V failure on slot x will retry later

Software Version

ExtremeWare 7.2.0bx

Hardware Version

FM32P modules only

Explanation

This message indicates a loss of the internal PoE power supply. All ports will lose power. Because the internal is the backup, ExtremeWare will keep trying to enable internal 48V supply.

Action

RMA the board.

Power Supply Failure, Trying Again

Internal 48V up and running on slot x

Software Version

ExtremeWare 7.2.0bx

Hardware Version

FM32P modules only

Explanation

This informational message indicates a loss of the internal PoE power supply. All ports will lose power. Because the internal is the backup, ExtremeWare will keep trying to enable internal 48V supply.

Action

RMA the board.

Queue Descriptor Timeout

<CRIT:HW> Quake Queue Descriptor RAM request timeout

Software Version

ExtremeWare 6.x

Hardware Version

BlackDiamond

Explanation

This message indicates that ExtremeWare is unable to write to the RAM. This problem is generally caused by a mis-seating of an MSM or I/O module.

Action

Remove and re-insert all of the modules in the switch.

If the problem persists, RMA the module(s) in question.

Received PDUs from Two Nodes

```
<CRIT:EAPS> eaps_runtime.c 1424: Error!! Received "Health-Pdu" from another master  
[MAC=<mac address>]
```

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that the EAPS domain configured to be the Master node has received an EAPS PDU from another Master node on the same EAPS domain. This is not allowed.

Action

You must immediately configure one of the two Master nodes to be a Transit. A single EAPS domain can have only one Master node.

Register Failed

<CRIT:PORT> RR - readRRRegister failed - RR NOT READY port = 18

Software Version

ExtremeWare 4.x and 6.x

Hardware Version

BlackDiamond Summit chipset products

Explanation

This message indicates that the register on the I/O module (in the case of BlackDiamond) or on the port (in the case of Summit) is not ready.

Action

This could be a hardware problem. Run diagnostics. If the diagnostic results indicate bad hardware, RMA the I/O module or Summit.

If diagnostic does not indicate bad hardware, contact Technical Support to troubleshoot the problem.

sbmfree Double

<CRIT:KERN> sbmfree double (0/-1/0x8b200a1c/0x8b200a2c)

Software Version

ExtremeWare 6.x

Hardware Version

All

Explanation

This message indicates that the switch is attempting to free a memory block that is already freed. The switch will suspend the task for which it is attempting to free the memory. This will generate Exception Program Counter (EPC) task crash errors.

Action

Contact Technical Support to assist in collecting switch information. Provide the configurations and last several commands you entered. The EPC task crash error messages that follow indicate which task crashed.

Software Error at Runtime

<CRIT:EAPS> eaps_runtime.c <line#>: Bug! <text describing invalid situation>

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates a software error and should never appear.

Action

Contact Technical Support.

Software Error

<CRIT:EAPS> eaps.c <line#>: Bug! <text describing invalid situation>

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates a software error and should never appear.

Action

Contact Technical Support.

Spoofing Attack

<CRIT:IPHS> Possible spoofing attack from 00:81:bb:10:9c:80 port 3:3

Software Version

ExtremeWare 4.x

Hardware Version

All

Explanation

This message indicates one of the following:

- You have a duplicate IP address on the network (same as an address on a local interface).
- The IP source address equals a local interface on the router and the packet needs to go up the IP stack (that is, multicast/broadcast). In the BlackDiamond, if a multicast packet is looped back from the switch fabric, this message appears.

Whenever the BlackDiamond receives a “CRIT” level message, the ERR LED on the MSM turns to amber.

Action

Check host interfaces and make sure there are no duplicate IP addresses.

sysEnvMsg msgQSend Error

<CRIT:SYST> sysEnvMsgQId: -msgQSend got Error

Software Version

All ExtremeWare versions

Hardware Version

All

Explanation

This message indicates that there is a problem in the environmental system tests like the fan, temperature, or power supply.

Action

If you have a trap receiver station setup, look for the SNMP trap that might indicate the problem.

A busy CPU can also create this error. Check for any task utilization information previous to this message and contact Technical Support to troubleshoot the problem.

System Chunk NULL

<CRIT:KERN> arptimer 2751 0x82152fdc: System Chunk is NULL

Software Version

ExtremeWare 6.2.1 and earlier

Hardware Version

All

Explanation

This message indicates a software memory error.

Action

Use the `show tech-support` and `show log` commands to capture the log and contact Technical support.

TCP Connection

```
<CRIT:KERN> HC: issuePortConnect(0):192.98.8.42:8206 socket 21(L4), error cncting,  
(errno=55)
```

Software Version

All ExtremeWare versions

Hardware Version

All except VDSL

Explanation

This message indicates that there is an error for the TCP connection for a particular IP address (192.92.8.42). This error can happen due to multiple reasons. In this example, `errno==55` indicates that it has run out of buffers.

Action

Open a connection from the same IP address, and the software will try other TCP ports.

If you are not able to do this, use the `show tech-support` command, and contact Technical Support to debug this problem.

TospfSpfTask Failed

<CRIT:SYST> Task tospfSpfTask(8663f3c0) failed

Software Version

All ExtremeWare versions

Hardware Version

All

Explanation

This message indicates a crash in the Open Shortest Path First (OSPF) task.

Action

Use `show tech-support` and `show log` commands to capture the log and contact Technical Support.

Twister Access Timeout

<CRIT:HW> Twister access timeout slot=2

Software Version

ExtremeWare 6.1.x

Hardware Version

All

Explanation

This message indicates that ExtremeWare is having problems accessing this particular microchip.

Action

Reboot the switch. If the error continues, replace the module. The error is indicating hardware problems.

If the error is generated while hot-swapping I/O modules, it might be related to your configuration. Contact Technical Support to troubleshoot the problem.

VLAN Does Not Exist

```
<CRIT:EAPS> eaps.c 5217: Error! Vlan "v1"<->Eapsd "eaps1" does not exist
```

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that the request to add a VLAN to the EAPS domain failed because the VLAN does not exist.

Action

The VLAN has not been added yet, so it cannot be deleted.

VLAN Not Found

```
<CRIT:EAPS> eaps.c 634: Error! Bridge not found for vlanId=1001
```

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that the VLAN ID receiving EAPS messages does not correspond to any VLANs currently on the system.

Action

If there is a single message, it can be ignored.

If the messages occur on a regular basis, there is probably a software error. Contact Technical Support.

Watchdog Timer Creation Failed

<CRIT:EAPS> eaps.c 397: Error! creating eaps_wdTimer

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that the Watchdog timer could not be create during initialization of EAPS.

Action

The switch may have run out of resources. Contact Technical Support.

Watchdog Timer Reboot

```
<CRIT:KERN> The system currently running was restarted due to a hardware watchdog.
<CRIT:KERN> The task executing when the watchdog took effect was tBGTask.
```

Software Version

ExtremeWare 6.19 and later

Hardware Version

All "i" series

Explanation

This message indicates a system-level safety network: a device to protect the CPU from certain time-consuming tasks.

Action

Contact Technical Support to troubleshoot these problematic tasks.

Depending on the tasks, you can also see the following messages:

```
<CRIT:KERN> This routine has the following info preserved:
<CRIT:KERN>  NAME          ENTRY          TID      PRI STATUS      PC      SP      ERRNO
01/01/2002 11:49.18
<CRIT:KERN> -----
<CRIT:KERN> tBGTask      BGTask2_G2      812cf8b0 228 READY 806edcf8 812cf808      0
<CRIT:KERN> stack: base 0x812cf8b0 end 0x812cd0b0 size 10224 high 3544 margin 6680
<CRIT:KERN> pc : 806edcf8 at : 80970000 t0 :1 s0 : 39f
<CRIT:KERN> sr : 3400ed01 t1 :3400ed00 s1 : 809b3270
<CRIT:KERN> ra : 8008baf8 v0 : 0 t2 :3400ed01 s2 : 3400ed01
<CRIT:KERN> sp : 812cf808 v1 : 8114aa03 t3 :1 s3 : 131
<CRIT:KERN> s8 : ffff t4 :8 s4 : 81139d74
<CRIT:KERN> gp : 80975bd0 a0 : 8114b144 t5 :1b s5 : 89
<CRIT:KERN> k0 : 0 a1 : 0 t6 :8 s6 : 12
<CRIT:KERN> k1 : 0 a2 : 86221a60 t7 :0 s7 : 80e9ebe0
<CRIT:KERN> a3 : 8114aa00 t8 :1
<CRIT:KERN> (fp=s8) t9 :8
<CRIT:KERN> Backtrace:
<CRIT:KERN> 8008b2a0 isCardAlive +ffcdde2c: isCardAlive(eeeeeeee, 7, 2f, 480806);
<CRIT:KERN> 806bd0dc BGTask2_G2 +631ed4:BGTask2_G2(0, 0, 0, 0);
<CRIT:KERN> System rebooted because watchdog timer expired! (0x802247a8)
```

Loop Detected on VLAN

Loop Detected on VLAN <vlan name> port sent <port Num> port received <port Num>

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

Extreme Loop Recovery Protocol (ELRP) has detected a loop on the VLAN.

ELRP works with other services such as EAPS, STP and ESRP. The client registers with ELRP to detect loop on the VLAN.

Action

Make sure the service (EAPS, STP, or ESRP) is configured properly to register with ELRP for loop detection and recovery service. If configured correctly, the service should recover from the loop.

If problem persists, contact Technical Support.

Write to NVRAM Failed

Cannot write to the NVRAM ELRP Client defaults

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The switch failed to write ELRP client defaults to the NVRAM or Flash.

The error could be due to one of the following reasons:

- Flash not ready.
- Object was not found on NV config.
- Object not writable.

Action

Verify the logs for more information.

Retry the command.

If problem persists, contact Technical Support.

No Memory Available for VRRP Table

no memory available for vrrpTable

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

This message indicates that the switch could not allocate memory resources to create the VRRP table.

Action

Save the log files and contact Technical Support.

Power Supply Normal

Internal Power supply back to normal
External Power supply back to normal

Software Version

ExtremeWare 7.5

Hardware Version

Summit 400

Explanation

The switch periodically checks the internal and external power supply for possible failures. The messages are logged when the internal or external power supply returns to normalcy after a power outage.

Action

Informational only. No action needed.

Power Supply Failed

Internal Power supply failed
External Power supply failed

Software Version

ExtremeWare 7.5

Hardware Version

Summit 400

Explanation

The switch periodically checks the internal and external power supply for failures. These messages are logged when the internal or external power supply fails.

Action

Reboot the switch. If the reboot does not fix the problem, contact Technical Support.

Corrupted Backplane Health Check Packet

Backplane health check packet is corrupted in bit slice %d, Compared=0x%x, Actual=0x%x

Software Version

ExtremeWare 7.5

Hardware Version

Alpine, BlackDiamond

Explanation

The message indicates that the diagnostics has detected a corrupted packet during backplane health check.

Action

Run the diagnostics on the card. If diagnostics reports any problem, reboot the switch.

If the reboot does not fix the problem, contact Technical Support.

Download Configuration File Not Available

ERROR: Parse, fd not available

Software Version

ExtremeWare 7.5

Hardware Version

Alpine, BlackDiamond, and Summit

Explanation

The message indicates that the configuration file was not available while trying to run the command
`download config a.b.c.d config.txt INCR.`

Action

Reboot the switch, then run the command.

Download Configuration Task Spawn Failed

ERROR: Parse, taskSpawn failed

Software Version

ExtremeWare 7.5

Hardware Version

Alpine, BlackDiamond, and Summit

Explanation

The tdownloadConfigTask task spawn failed while downloading the configuration.

Action

Reboot the switch, then download the configuration.

Overwrite Download Configuration Buffer

Overwrite download configuration buffer

Software Version

ExtremeWare 7.5

Hardware Version

Alpine, BlackDiamond, and Summit

Explanation

The switch sets the download bit of the configuration flag in CMOS if the configuration was downloaded successfully.

Action

Informational only. No action needed.

Configuration Download Size Too Large

Download size %u too large

Software Version

ExtremeWare 7.5

Hardware Version

Alpine, BlackDiamond, and Summit

Explanation

The size of the configuration file to be downloaded is larger than the buffer size (9MB) of the switch.

Action

Verify the configuration.

Error Getting Information on Internal Card

Can not find a operational card cardno

Software Version

ExtremeWare 7.5

Hardware Version

Alpine, BlackDiamond, and Summit

Explanation

Error occurred while obtaining the information on internal card slot that matches the NMC.

Action

Repeat the diagnostics task.

If the problem persists, reboot the hardware and then run the diagnostics.

Run diagnostics to isolate the hardware.

Add and Remove Xen Card

Detected hot plug-in of Xen Card, this must be done while switch is powered down.
Please reboot system.

Detected hot plug-out of Xen Card, this must be done while switch is powered down.
Please reboot system.

Software Version

ExtremeWare 7.5

Hardware Version

Summit 400

Explanation

The message indicates that you have tried to add or remove a Xen card while the switch is powered on.

Before you add or remove a Xen card, power off the switch.

Action

Reboot the switch.

STPD Tag From Bridge That Ignores BPDU

configStpdFilters: Stpd tag is from a bridge that ignores BPDU

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The message indicates that the switch has received an stpd tag from a bridge that is configured to ignore BPDU. Incoming STP BPDUs will be ignored for the VLAN.

Action

Disable the ignore BPDU feature for the VLAN.

Receive Task Spawn Failed

lsmInit: Could not spawn Rx Task

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

During the link status monitoring (LSM) initialization, the task spawn command failed while spawning the LSM receive task.

Action

Reboot the switch.

If the reboot does not fix the problem, contact Technical Support.

Transmission Task Spawn Failed

lsmInit: Could not spawn Tx Task

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

During the link status monitoring (LSM) initialization, the task spawn command failed while spawning the LSM transmit task.

Action

Reboot the switch.

If the reboot does not fix the problem, contact Technical Support.

LSM Filter: Drop Received Packet

lsmFilter: Drop received packet: Task suspended, Port %P

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The link status monitoring (LSM) module has dropped the LSM hello packet received on the port. The LSM receive or LSM transmit task is suspended.

Action

Reboot the switch.

If the reboot does not fix the problem, contact Technical Support.

Hello Receive Timer Creation Failed

lsmEnable: Hello Rx timer creation failure, Port %P

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The link status monitoring (LSM) hello receiver timer creation failed while enabling the LSM feature on the port. The LSM remains disabled for the port.

Action

Reboot the switch.

If the reboot does not fix the problem, contact Technical Support.

Memory Allocation Failed

lsmInit: Mbuf Memory Allocation Failure

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The switch could not allocate memory while creating the initial buffer for the link status monitoring module.

Action

Reboot the switch.

If the reboot does not fix the problem, contact Technical Support.

Message Send Failed for Rx Queue on Port

sysObjSetLsm: Message Send (CLR_RST - 2) failed for Rx Queue, Port %P

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The message posting to the link status monitoring (LSM) Rx Queue failed while enabling the LSM auto restart feature for the port.

The auto restart feature for the port will remain disabled.

Action

Reboot the switch.

Packet Received is Not an LSM Packet

lsmFilter: Packet received is not LSM type %d for Port %P

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The packet received on the port by the link status monitoring (LSM) module does not contain the correct EDP TLV type 15. EDP TLV type 15 denotes an LSM packet. The packet is dropped without processing further.

Action

Informational only. No action needed.

Semaphore Allocation Failed on Port

lsmEnable: Semaphore allocation failure, Port %P

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The semaphore allocation failed while enabling the link status monitoring (LSM) feature on the port. The LSM will remain disabled for the port.

Action

Reboot the switch.

If the reboot does not fix the problem, contact Technical Support.

Transmission Message Queue Creation Failed

lsmInit: Could not create Tx Message Queue

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

During the link status monitoring (LSM) module initialization, the switch failed to create the message queue for the LSM Tx Queue.

Action

Reboot the switch.

If the reboot does not fix the problem, contact Technical Support.

Up Timer Creation Failed

lsmEnable: Up timer creation failure, Port %P

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The switch failed to create the link status monitoring (LSM) up timer while enabling the LSM feature on the port. The LSM will remain disabled for the port.

Action

Reboot the switch.

If the reboot does not fix the problem, contact Technical Support.

Access Profile Configuration Restore Failed

alistParseNv: Cannot parse alist (%d). Error=0x%x

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The message indicates that the switch failed to restore the access-profile configuration.

Action

Retry to configure access-profile.

Or

Download and save the access-profile configuration.

Access Profile Configuration Entry Restore Failed

Invalid Type %d , in alistEntryCfg2Entry

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The message indicates that the switch failed to restore the access-profile configuration entry.

Action

Retry to configure access-profile.

Or

Download and save the access-profile configuration.

Access Profile Configuration Entries Restore Failed

alistParseNv: Cannot parse entry (%d). Error=0x%x

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The message indicates that the switch failed to restore the access-profile configuration entries.

Action

Retry to configure access-profile.

Or

Download and save the access-profile configuration.

Cannot Create Security Management List for SSH

smlistParseNv: Cannot create smlist for ssh

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The message indicates that security management access profile for SSH access was not created because the switch could not allocate memory.

Action

Reconfigure the security management access profile for SSH access. If you see this message repeatedly, contact Technical Support.

Access List with Invalid Pointer or Address

Invalid alist_p2i

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The message indicates that the switch is trying to retrieve an access-profile with an invalid pointer or address.

Action

Reboot the switch.

Access Profile with Invalid ID

Invalid alist_i2p

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

This message indicates that the switch is trying to retrieve an access-profile with an invalid ID.

Action

Reconfigure the access-profiles.

If this does not fix the problem, contact Technical Support.

Cannot Create Access List Instance for SSH

smlistParseNv: invalid alist instance for ssh

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

This message indicates that the switch failed to restore the security management access profile configuration for SSH access.

Action

Reconfigure the security management access profile for SSH access.

Cannot Create Security Management List for HTTPS

```
smListParseNv: invalid alist instance for https
```

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

This message indicates that the switch failed to restore the security management access profile configuration for the secured web access.

Action

Reconfigure the security management access profile for secured web access.

Invalid Access List Instance for Telnet

```
smlistParseNv: invalid alist instance for telnet
```

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

This message indicates that the switch failed to restore the security management access profile configuration for telnet access.

Action

Reconfigure the security management access profile for telnet access.

Invalid Access List Instance for Web

```
smlistParseNv: invalid alist instance for web
```

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

This message indicates that the switch failed to restore the security management access profile configuration for web access.

Action

Reconfigure the security management access profile for web access.

Cannot Create Security Management List for Web

smlistParseNv: Cannot create smlist for web

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

This message indicates that security management access profile for web access was not created because the switch could not allocate memory.

Action

Reconfigure the security management access profile for web access.

If you see this message repeatedly, contact Technical Support.

Cannot Create Security Management List for Telnet

`smlistParseNv: Cannot create smlist for telnet`

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

This message indicates that security management access profile for telnet access was not created because the switch could not allocate memory.

Action

Reconfigure the security management access profile for telnet.

If you see this message repeatedly, contact Technical Support.

Cannot Create Security Management List for HTTPSC

smlistParseNv: Cannot create smlist for web

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

This message indicates that security management access profile for secured web access was not created because the switch could not allocate memory.

Action

Reconfigure the security management access profile for secured web access.

If you see this message repeatedly, contact Technical Support.

HTTPD Listen Failed

ERROR: httpd listen failed

Software Version

ExtremeWare 7.3

Hardware Version

All “i” series and “e” series

Explanation

The message is logged during the web server TCP initialization. The message indicates that the listen system call, indicating the number of simultaneous connections that can be queued in the web server socket, has failed.

The web server could be initialized during the switch startup or while configuring an alternate port using the command `enable web access-profile`.

Action

If the error occurs during the switch startup, restart the switch.

If the error occurs while configuring alternate port, try configuring the port again after some time interval or restart the switch.

HTTPD Socket Non-blocking IOCTL Failed

ERROR: httpd socket non-blocking ioctl failed

Software Version

ExtremeWare 7.3 and later

Hardware Version

All "i" series and "e" series

Explanation

This error message is logged during the web server TCP initialization. The message indicates that the ioctl call for making the newly created web server socket non-blocking has failed.

The web server could be initialized during the switch startup or while configuring an alternate port using the command `enable web access-profile`.

Action

If the error occurs during the switch startup, restart the switch.

If the error occurs while configuring alternate port, try configuring the port with a different port number. If you see the message again, restart the switch.

HTTPD Bind Failed

ERROR: httpd bind failed

Software Version

ExtremeWare 7.3

Hardware Version

All “i” series and “e” series

Explanation

This error message is logged during the web server TCP initialization. The message indicates that the binding of the HTTP port to the newly created socket has failed. HTTP port could be the default port 80 or the configured alternate port.

The web server could be initialized during the switch startup or while configuring an alternate port using the CLI command `enable web access-profile`.

Action

If the error occurs during the switch startup, restart the switch.

If the error occurs while configuring alternate port, try configuring the port with a different port number. If you see the message again, restart the switch.

Rx Buffer Allocation Failed

ERROR: Could not allocate rx buffer

Software Version

ExtremeWare 7.3

Hardware Version

All "i" series and "e" series

Explanation

The buffer allocation fails failed during the web server TCP initialization.

The web server could be initialized either during the switch startup or while configuring an alternate port using the command `enable web access-profile`.

Action

If the error occurs during the switch startup, restart the switch.

If the error occurs while configuring alternate port, try configuring after some time interval or restart the switch.

Socket Creation Failed

ERROR: could not create socket for HTTPD

Software Version

ExtremeWare 7.3

Hardware Version

All “i” series and “e” series

Explanation

The message is logged during the web server TCP initialization. The message indicates that the switch failed to create the socket for listening and accepting the incoming HTTP and HTTPS connections.

The web server could be initialized during the switch startup or while configuring an alternate port using the command `enable web access-profile`.

Action

If the error occurs during the switch startup or while configuring the alternate port, restart the switch.

Checksum Error on Slot

```
Sys-health-check [ACTION] (PBUS checksum) (CARD_HWFAIL_PBUS_CHKSUM_CPU_PKT_DIAG_ERROR)
slot 1
```

Software Version

ExtremeWare 6.2 and later

Hardware Version

BlackDiamond, Alpine, and Summit (“i” series)

Explanation

The CPU diagnostics detected checksum error on slot 1.

This Message also indicates that the system health check has taken configured action on detection of systematic errors.

Action

Run diagnostics on the card. If diagnostics does not report any problem, reboot the system. If problem persists, contact Technical Support.

Corrupted Packets on Slot

Sys-health-check [DIAG] First 16 bytes of unknown pkt on slot 9

Software Version

ExtremeWare 6.2 and later

Hardware Version

BlackDiamond, Alpine, and Summit

Explanation

CPU diagnostics has detected corrupted packets on slot 9.

Action

Run Show Diagnostics, and then compare the output with log message. If the counter is increasing rapidly, isolate the module.

Card Diagnostic Failed

Sys-health-check [ACTION] (hardware failure) (CARD_HWFAIL_BLADE_CONTROL_REG_TIMEOUT)
slot 1

Software Version

ExtremeWare 6.2 and later

Hardware Version

BlackDiamond

Explanation

The message indicates a card diagnostic failure during the system boot, manual diagnostics, card initialization, or a transceiver test failure.

Message also indicates that the system health check has taken configured action on detection of systematic errors.

Action

Run diagnostics on the hardware.

Registry Operation Timeout

Sys-health-check [ACTION] (hardware failure) (CARD_HWFAIL_BLIZZARD_REGOP_TIMEOUT) slot
1

Software Version

ExtremeWare 6.2 and later

Hardware Version

BlackDiamond, Summit

Explanation

The message indicates a card diagnostic failure during the system boot, manual diagnostics, card initialization, or a transceiver test failure.

Message also indicates that the system health check has taken configured action on detection of systematic errors.

Action

Run diagnostics on the hardware. If the problem persists, contact Technical Support.

CPU Control Timeout

```
Sys-health-check [ACTION] (hardware failure) (CARD_HWFAIL_CPU_CNTRL_QUAKE0_TIMEOUT)
slot 1
```

Software Version

ExtremeWare 6.2 and later

Hardware Version

BlackDiamond, Summit “i” series

Explanation

The message indicates a card diagnostic failure during the system boot, manual diagnostics, card initialization, or transceiver test failure.

Message also indicates that the system health check has taken configured action on detection of systematic errors.

Action

Run diagnostics on the hardware. If the problem persists, contact Technical Support.

Registry Operation Timeout

Sys-health-check [ACTION] (hardware failure) (CARD_HWFAIL_TSUNAMI_REGOP_TIMEOUT) slot
1

Software Version

ExtremeWare 6.2 and later

Hardware Version

BlackDiamond, Summit “i” series

Explanation

The message indicates a card diagnostic failure during the system boot, manual diagnostics, card initialization, or transceiver test failure. Message also indicates that the system health check has taken configured action on detection of systematic errors.

Action

Run diagnostics on the hardware. If the problem persists, contact Technical Support.

Corrupted Packets on M-BRD

Sys-health-check [DIAG] First 16 bytes of unknown pkt on M-BRD

Software Version

ExtremeWare 6.2 and later

Hardware Version

Summit

Explanation

The message indicates that the CPU diagnostics has detected corrupted packets.

Action

Run diagnostics on the card.

If the problem persists, contact Technical Support.

System Restarted by Hardware Watchdog

The system currently running was restarted due to a hardware watchdog

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

If the system is working properly, various tasks will reset the watchdog timer from time to time. If the watchdog timer is not reset, the timer will restart the system after the timer expires.

Action

Verify the logs. If you see this message frequently, contact Technical Support.

Task Running During Watchdog Timer Expiry

The task executing when the watchdog took effect was tPortUtilization.

Software Version

ExtremeWare 6.2 and later

Hardware Version

All

Explanation

The tPortUtilization task was running and crashed while the watchdog timer expired.

Action

Informational only. No action needed.

Checksum Error on Frame

Sys-health-check [CPU] checksum error (slow-path) on M-BRD

Software Version

ExtremeWare 6.2 and later

Hardware Version

Summit

Explanation

The switch fabric has detected an error on a frame destined for the CPU.

Action

Run diagnostics on the card and replace it, if required.

MSM Rebooted by Slave

MSM HAS BEEN REBOOTED BY SLAVE

Software Version

ExtremeWare 6.2 and later

Hardware Version

BlackDiamond

Explanation

MSM is normally rebooted by the MSM you have assigned as the master. By default MSM-A is the master. If the master MSM is not active when the system reboots, the slave system resets the master system and takes over the control.

Action

Verify the cause for last MSM failover using `show msm-failover-output`.

PtagIndex for Multicast Entries on Threshold

Multicast Table Index is below low water mark (ptagMCSnoopIndex)

Software Version

ExtremeWare 6.2 and later

Hardware Version

All

Explanation

The PtagIndex for the multicast entries has reached the threshold level. No more multicast entries will be created.

Action

Clear IGMP snooping and IP multicast FDB. If present, clear the IP multicast cache.

EDP Frame in Wrong Format

Sys-health-check [EDP] error on slot 7

Software Version

ExtremeWare 6.2 and later

Hardware Version

All

Explanation

The CPU has received an EDP frame in wrong format. The data would have been corrupted in the I/O module or MSM.

Action

Informational only. No action needed.

Failed to Clear Log On Slot

Statistics clear failed on slot 9 internal port -2045

Software Version

ExtremeWare 6.2 and later

Hardware Version

BlackDiamond, Summit

Explanation

The switch failed to clear the log on slot 9.

Action

Reset the slot. If the problem persists, contact Technical Support.

Session Timeout While Accessing FDB Table

Failed in quakeFdbBusyWait slot 1

Software Version

ExtremeWare 6.2 and later

Hardware Version

BlackDiamond and Summit

Explanation

The session timed out while the ASIC was accessing the FDB table.

Action

Reboot the card. Run diagnostics to figure out whether the problem is related to hardware or timing. If problem persists, contact Technical Support.

FDB Timeout

Sys-health-check [ACTION] (hardware failure) (CARD_HWFAIL_FDB_QUAKE0_TIMEOUT) slot 1

Software Version

ExtremeWare 6.2 and later

Hardware Version

BlackDiamond, Alpine, and Summit

Explanation

The message indicates a card diagnostic failure during the system boot, manual diagnostics, card initialization, or transceiver test failure. Message also indicates that the system health check has taken configured action on detection of systematic errors.

Action

Run diagnostics on the hardware and replace it, if required.

System Recovery Action

`sys-recovery: none`

Software Version

ExtremeWare 6.2 and later

Hardware Version

All

Explanation

The system recovery action is set to none.

You can configure the system recovery action. If something goes wrong in the system, such as software exception, the switch recovers using the action you have set. Options are:

- `configure sys-recovery-level all`
- `configure sys-recovery-level critical`
- `configure sys-recovery-level none`

Action

Configure recovery action using `configure sys-recovery-level`.

Mismatch Between Power Supply Types

CONFIGURATION NOT RECOMMENDED! PSU-A is a DC power supply and the other is AC

Software Version

ExtremeWare 6.2 and later

Hardware Version

BlackDiamond, Alpine

Explanation

There is a mismatch between power supply types of the PSUs.

Action

Use PSUs with the same type of power supply; DC or AC.

EDP Frame with Bad Length

Sys-health-check [EDP] bad length

Software Version

ExtremeWare 6.2 and later

Hardware Version

BlackDiamond

Explanation

The CPU has received an EDP frame in a wrong format. The data would have been corrupted in the I/O module or MSM.

Action

Informational only. No action needed.

System Initialized in Minimum Mode

System has not been initialized

Software Version

ExtremeWare 6.2 and later

Hardware Version

All

Explanation

System reboots in minimum mode due to diagnostics failure.

Action

Clear log diagnostics status and reboot the system.

If the problem persists, run the command `unconfigure switch-all`. Reboot the system.

If you see this problem frequently, contact Technical Support

Error Reading MAC

slot 6 Error Reading MAC

Software Version

ExtremeWare 7.3 and later

Hardware Version

BlackDiamond and Alpine

Explanation

The switch was not able to read the MAC address while the connection down log was executed.

Action

Reset the card. If you still face the problem, reboot the system.

If the problem persists, contact Technical Support.

Error While Reading Register

Error: tsunamiWriteReg: Slot 6 port 2 reg e not ready

Software Version

ExtremeWare 7.3 and later

Hardware Version

BlackDiamond

Explanation

Error occurred while tsunami ASIC tried to read register e of port 2 on slot 6.

The switch will take the action configured using sys-health-check. If you have configured sys-health-check to shut down the card, the card is set to non-operational.

Action

Run diagnostics to get the details on the hardware and replace it, if required.

Diagnostics Failed

Sys-health-check [ACTION] (hardware failure) (CARD_HWFAIL_QD_RAM_QUAKE0_TIMEOUT) slot 6

Software Version

ExtremeWare 7.3 and later

Hardware Version

BlackDiamond, Alpine, and Summit

Explanation

The message indicates a card diagnostic failure during the system boot, manual diagnostics, card initialization, or transceiver test failure. Message also indicates that the system health check has taken configured action on detection of systematic errors.

Action

Run diagnostics on the hardware.

Error Accessing FDB Information

Failed to write Fdb slot 6

Software Version

ExtremeWare 7.3 and later

Hardware Version

BlackDiamond

Explanation

The system faced problem while accessing FDB information from the ASIC.

Action

Reset the card. If the problem persists, run diagnostics on the hardware. Contact Technical Support, if required.

AFC Status Timeout

Sys-health-check [ACTION] (hardware failure) (CARD_HWFAIL_AFC_STATUS_QUAKE1_TIMEOUT)
slot 6

Software Version

ExtremeWare 7.3 and later

Hardware Version

BlackDiamond, Alpine, and Summit

Explanation

The message indicates a card diagnostic failure during the system boot, manual diagnostics, card initialization, or transceiver test failure. Message also indicates that the system health check has taken configured action on detection of systematic errors.

Action

Run diagnostics on the hardware and replace it, if required.

No Memory Available for vlanBtreeAttach

No memory available for vlanBtreeAttach

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

This message indicates that the system is not able to allocate memory to add the newly allocated VLAN specific node to the data structure.

Action

Reboot the system. If the problem persists, contact Technical Support.

Access Profile Configuration with Invalid Index

sysObjGetAlist: Invalid instance

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

This message indicates that ExtremeWare is trying to lookup an access profile configuration, but the access profile does not have a valid index.

If this message appears repeatedly, it indicates that any of the modules (such as, BGP) using this access profile is corrupted.

Action

Reboot the system.

If the problem occurs again, contact Technical Support.

Configuring Access Profile Using Invalid Index

sysObjTestAlist: Invalid gmID

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

This message indicates that ExtremeWare is trying to configure an access-profile using an invalid access-profile index.

Action

Delete the access-profile configuration and add the configuration again.

Corrupted CPU Health Check Packet

CPU health check packet is corrupted in bit slice %d, Compared=0x%x, Actual=0x%x

Software Version

ExtremeWare 7.5.x

Hardware Version

BlackDiamond, Alpine

Explanation

The switch has detected a corrupted health check packet during the CPU diagnostics.

Action

Reboot the system and perform the task again.

PSU(id) Removed

PSU(id) removed

Software Version

ExtremeWare 7.5.x

Hardware Version

BlackDiamond, Alpine, and Summit

Explanation

The message indicates that the power supply has been removed from the switch.

Action

Check the power supply unit.

Fast Path Checksum Threshold Exceeded

Fast-path checksum threshold exceeded on %s

Software Version

ExtremeWare 7.5.x

Hardware Version

BlackDiamond, Alpine, and Summit

Explanation

The number of packets with checksum failure exceeded the configured fast-path threshold.

Action

Reboot the slot.

Invalid Card State

CARD STATE for card %d invalid

Software Version

ExtremeWare 7.5.x

Hardware Version

BlackDiamond, Alpine, and Summit

Explanation

The switch has detected an invalid card state.

Action

Disable and enable the card.

Invalid Event in Checksum Failure

Invalid chksum error type [%x] for %s

Software Version

ExtremeWare 7.5.x

Hardware Version

BlackDiamond, Alpine, and Summit

Explanation

The switch has detected invalid event while updating the statistics for checksum failure.

Action

If the problem persists, reboot the system.

Missed System-Health-Check Packet

Sys-health-check [DIAG] pkt missed (slow-path) on %s %s

Software Version

ExtremeWare 7.5.x

Hardware Version

BlackDiamond, Alpine

Explanation

The message indicates that a packet was missed during CPU diagnostics.

Action

Reboot the system and perform the task again.

Power Supply Temperature Failed

PSU(id) temperature failure

Software Version

ExtremeWare 7.5.x

Hardware Version

BlackDiamond, Alpine, and Summit

Explanation

The message indicates that a temperature failure was detected in the power supply unit.

Action

Check the power supply unit. If problem occurs again, contact Technical Support.

Power Supply Unit: Fan Failed

PSU(id) fan failure

Software Version

ExtremeWare 7.5.x

Hardware Version

BlackDiamond, Alpine, and Summit

Explanation

The message indicates that the fan in the power supply unit has failed.

Action

Check the power supply unit. If problem occurs again, contact Technical Support.

Power Supply Unit: Input failure

PSU(id) input failure

Software Version

ExtremeWare 7.5.x

Hardware Version

BlackDiamond, Alpine, and Summit

Explanation

The message indicates that the input to the power supply unit has failed.

Action

Check the power supply unit. If problem persists, contact Technical Support.

LSM Transmit Task Message Queue Receive Failed

ELSM Tx Task Msg Queue receive failed

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The message indicates that the message queue receive function for the LSM (Link Status Monitoring) transmit task failed. The task continues to wait for further messages.

Action

If the problem persists, reboot the system.

LSM Receive Task Message Queue Receive Failed

LSM Rx Task Msg Queue receive failed

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The message indicates that the message queue receive function for the LSM (Link Status Monitoring) receive task failed. The task continues to wait for further messages.

Action

If the problem persists, reboot the switch.

LSM Receive Task: Unable to Start Timer

```
lsmRxTask: Unable to start lsmProcTimer, error %d, Retry in 5s
```

Software Version

ExtremeWare 7.3 and later

Hardware Version

BlackDiamond, Alpine, and Summit

Explanation

The message indicates that the LSM (Link Status Monitoring) receive task timer failed to start.

Whenever this happens, the switch waits for five seconds to start the timer again.

Action

If timer restart fails continuously, reboot the system.

Cannot Write to CFGDB Port

Cannot write to CFGDB Port

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

During reboot, the LSM (Link Status Monitoring) module generates default values and tries to store the values in the NVRAM. This message indicates that the switch failed to write the values to NVRAM.

Action

Reboot the switch. If problem persists, contact Technical Support.

Unicast Route is a Blackhole Route

pimRtLookup: for <Destination IP>, got blackhole route to <route selected>

Software Version

ExtremeWare 7.3 and later

Hardware Version

All "i" series and Summit "e" series

Explanation

This error is generated when the unicast route chosen to reach RP or source is a blackhole route.

Action

- 1 Add a unicast route to reach the RP or the source.
- 2 Configure the route to choose the new unicast route as the preferred route.

MSM-B HAS TAKEN OVER AS THE MASTER

MSM-B HAS TAKEN OVER AS THE MASTER

Software Version

ExtremeWare 6.2 and later

Hardware Version

BlackDiamond

Explanation

This message indicates that MSM-B has taken over as the master. By default MSM-A is the master.

Action

This message is informational only.

PSU-A Removed

PSU-A removed

Software Version

ExtremeWare 6.2 and later

Hardware Version

Alpine

Explanation

This message indicates that PSU-A has been removed from the switch.

Action

This message is informational only.

Diagnostic Failures

System has recorded diag failures

Software Version

ExtremeWare 6.2 and later

Hardware Version

Alpine

Explanation

The message indicates that the switch has detected hardware failure during diagnostic; either through sys-health check or by running diagnostics.

Action

Check the hardware and replace it, if necessary.

Out of Memory While Allocating Agent X Request

Out of memory while allocating agent x request

Software Version

ExtremeWare 7.3 and later

Hardware Version

Altitude 350, Altitude 350-2, and Summit WM series

Explanation

This message indicates that the switch was not able to allocate memory for the task.

Action

- 1 Save the log file.
- 2 Contact Technical Support.

Ping Control Table Full

Reached the upper limit of pingindex

Software Version

ExtremeWare 7.3 and later

Hardware Version

Altitude 350, Altitude 350-2, and Summit WM series

Explanation

The message indicates that the ping control table is full.

Action

Delete entries from the ping control table and enter the command.

Adding L2 FDB Entry for a Port Failed

```
failed arl add unit <unit num.> for <vlan id> : <Mac address> status: <error msg>
```

Software Version

ExtremeWare 7.3

Hardware Version

Summit “e” series (S300-48)

Explanation

The message indicates that the switch failed to add anL2 FDB (Forwarding Database) entry corresponding to a port other than the CPU port.

Action

Restart the switch.

Adding L2 FDB Entry for CPU Port Failed

failed CPU arl add unit <unit num.> for <vlan id> : <Mac address> status: <error msg>

Software Version

ExtremeWare 7.3

Hardware Version

Summit "e" series (S300-48)

Explanation

The message indicates that the switch failed to add an L2 FDB (Forwarding Database) entry corresponding to a CPU port.

Action

Restart the switch.

Deleting L2 FDB Entries Failed

```
failed fdb all port flush unit <unit num.> status: <error msg.>
```

Software Version

ExtremeWare 7.3

Hardware Version

Summit "e" series (S300-48)

Explanation

The message indicates that the switch failed to delete the L2 FDB (Forwarding Database) entries from all the units. The entries are deleted port by port starting from 0 to the maximum number of ports on the switch.

Action

Restart the switch.

Deleting L2 FDB Entry for VLAN Failed

failed fdb vlan flush for unit <unit num.> vlan <vlan id> status: <error msg.>

Software Version

ExtremeWare 7.3

Hardware Version

Summit "e" series (S300-48)

Explanation

This message indicates that the switch failed to delete the L2 FDB (Forwarding Database) entries corresponding to a specific VLAN from all units in S300-48.

Action

Restart the switch.

Initializing the Switch Failed

```
failed Init unit <unit num> : <error msg.>
```

Software Version

ExtremeWare 7.3

Hardware Version

Summit “e” series (S300-48)

Explanation

The message indicates that the switch failed to initialize the unit in S300-48.

Action

Restart the switch.

Power Consumption Exceeds Reserved Power

Power consumption exceeds the amount of reserve power

Software Version

ExtremeWare 7.5

Hardware Version

BlackDiamond

Explanation

The message indicates that the switch is consuming more power than the power reserved.

Action

Check the power supply unit.

If the error appears again, contact Technical Support.

Power Supply Unit: Memory Allocation Failed

Failed to allocate memory for ps units

Software Version

ExtremeWare 7.5

Hardware Version

Alpine, BlackDiamond

Explanation

The message indicates that the switch failed to allocate memory for the power supply unit during initialization.

Action

Restart the switch.

If the error appears again, contact Technical Support.

Power Consumption Exceeds Minimum Required Level

Power consumption exceeds minimum required power levels

Software Version

ExtremeWare 7.5

Hardware Version

BlackDiamond

Explanation

The message indicates that the power consumption exceeds the minimum required levels.

Action

Check the power supply. If you see the problem again, contact Technical Support.

Switch Operating Below Minimum Required Power

The system is operating below minimum required power levels

Software Version

ExtremeWare 7.5

Hardware Version

BlackDiamond

Explanation

The message indicates that the switch is operating below minimum required power levels. This may be due to issues with the power supply unit.

Action

Check the power supply.

If the error appears again, contact Technical Support.

Old and New AC Power Supply On the Switch

A configuration of old and new AC power supplies is not valid for this system

Software Version

ExtremeWare 7.5

Hardware Version

BlackDiamond

Explanation

The message indicates that you have configured new and old power supply on the same switch. You cannot configure old and new power supply on the same switch.

Action

Use the same type of power supply on the system.

AC and DC Power Supply Configured on the Switch

A configuration of AC and DC power supplies is not allowed

Software Version

ExtremeWare 7.5

Hardware Version

BlackDiamond

Explanation

The message indicates that you have configured both AC and DC power supply on the same switch. Configure either AC power supply or DC power supply.

Action

Use the same type of power supply on the switch.

Power Supply Mismatch

CONFIGURATION NOT RECOMMENDED! %s is a DC power supply and the other is DC-J

Software Version

ExtremeWare 7.5

Hardware Version

Alpine, BlackDiamond

Explanation

The message indicates that one power supply unit on the switch is using DC and the other power supply unit is using DC-J. You cannot use different type of power supply units on the same switch.

Action

Use same type of power supply.

Power Supply Mismatch

CONFIGURATION NOT RECOMMENDED! %s is a DC power supply and the other is AC

Software Version

ExtremeWare 7.5

Hardware Version

Alpine, BlackDiamond

Explanation

The message indicates that one power supply unit on the switch is DC and the other power supply unit is AC. Use power supply of same type; either both AC or both DC.

Action

Change one of the power supplies to AC or DC, so that both the power supply units will be of the same type.

Single and Dual AC Power Supply Configuration

A configuration of single and dual AC power supplies is not recommended

Software Version

ExtremeWare 7.5

Hardware Version

BlackDiamond

Explanation

The message indicates that you have configured single and dual AC power supplies on the switch. You must not configure single and dual AC power supplies on the same switch.

Action

Configure the same type of power supplies.

Cannot Write to CFGDB Global

Cannot write to CFGDB Global

Software Version

ExtremeWare 7.3

Hardware Version

All "i" series

Explanation

This message indicates that the switch was failed to write to the CFGDB global while generating the default configuration for the SFLOW module.

Action

Reboot the switch.

If the error appears again, contact Technical Support.

Cannot Write to CFGDB Sflow Port

Cannot write to CFGDB Sflow Port <port-no>

Software Version

ExtremeWare 6.2 and later

Hardware Version

All "i" series

Explanation

This message indicates that the switch was not able to write to the CFGDB global while generating the default configuration for the SFLOW module.

Action

Reboot the switch.

If the error appears again, contact Technical Support.

SFLOW: Configuration Parsing Failed

Config parse failure for Sflow Global error

Software Version

ExtremeWare 7.3

Hardware Version

All "i" series

Explanation

This message indicates that the switch failed to parse the configuration while restoring the configuration for SFLOW module.

Action

Contact Technical Support.

SFLOW: Configuration Parsing Failed for Port

Config parse failure for port <port-no> error

Software Version

ExtremeWare 7.3

Hardware Version

All "i" series

Explanation

This message indicates that the switch failed to parse the configuration for the port while restoring the configuration for SFLOW module.

Action

Contact Technical Support.

Allocating IP SA Entry Failed

Failed to allocate IP SA entry SA= <ip-addr> Redirect rule= <rule-name>

Software Version

ExtremeWare 7.3

Hardware Version

All "i" series

Explanation

The message indicates that the switch failed to allocate IP SA entry while adding a flow-redirect entry.

Action

Reboot the switch.

If the error persists, contact Technical Support.

Corrupted EDP PDU: Bad OUI

Sys-health-check [EDP] bad OUI (oui1:oui2:oui3) <slot-name> port <port-no>

Software Version

ExtremeWare 7.2

Hardware Version

All "i" series

Explanation

The message indicates that during the health check process the sys-health-check module received an EDP PDU with error.

Action

Contact Technical Support.

Corrupted EDP PDU: Bad Length

```
Sys-health-check [EDP] bad length <length-in-pdu> <received-packet-length>  
<slot-name> port <port-no>
```

Software Version

ExtremeWare 7.2

Hardware Version

All “i” series

Explanation

This message indicates that during the health check process the sys-health-check module received an EDP PDU with errors.

Action

Contact Technical Support.

Corrupted EDP PDU: Bad Version

Sys-health-check [EDP] bad version <version-no> <slot-name> port <port-no>

Software Version

ExtremeWare 7.2

Hardware Version

All "i" series

Explanation

This message indicates that during the health check process the sys-health-check module received an EDP PDU with error.

Action

Contact Technical Support.

Corrupted EDP PDU: Bad SNAP

Sys-health-check [EDP] bad SNAP <snap-type> <snap-id> <slot-name> port <port-no>

Software Version

ExtremeWare 7.2

Hardware Version

All “i” series

Explanation

This message indicates that during the health check process the sys-health-check module received an EDP PDU with error.

Action

Contact Technical Support.

Configuring Hardware Queue Before Starting the Card

```
pifDefaultQCfgBCM %d slot %d invalid num slices %d
```

Software Version

ExtremeWare 7.3 and later

Hardware Version

All “e” series

Explanation

This message indicates an error while configuring the number of packet buffers per hardware queue. This indicates that the switch may be trying to configure the hardware queues before the cards are fully initialized.

Action

Check whether the message appears again. If you see the message again, reboot the switch.

If the problem appears again, contact Technical Support.

No Memory In Bind to Route-map

No more memory in bindToRtMap

Software Version

ExtremeWare 7.3 and later

Hardware Version

BlackDiamond, Summit, Alpine, "i" series, "e" series

Explanation

This message indicates that the switch is unable to allocate memory to bind a function to a route-map. This may be due to high memory usage.

Action

Configure the switch to use less memory and then retry.

Disable ARP Learning

Disable ARP learning Global Config parse failure error

Software Version

EW 7.3 and later

Hardware Version

BlackDiamond, Summit, Alpine, "i" series, "e" series

Explanation

This message indicates the switch is not able to read the configuration related to *disable arp-learning*.

Action

- 1 If you are not using *disable arp-learning* feature, ignore this message.
If you are using *disable arp-learning* feature, reconfigure disable arp-learning and save the configuration.
- 2 Restart the switch.
- 3 If the error appears again, contact Technical Support.

Port List Not Present For Unbind

Port list not present for unbind, master=%P,slave=%P

Software Version

EW 7.5 and later

Hardware Version

BlackDiamond, Summit, Alpine, "i" series,"e" series

Explanation

The message indicates that the switch was not able to retrieve the port list from the master port.

Action

Restart the switch.

If the problem appears again, contact Technical Support.

Loadshare Port List: Memory Allocation Failed

Mem not available for loadshare port list, reboot required

Software Version

EW 7.3 and later

Hardware Version

BlackDiamond, Summit, Alpine, "i" series,"e" series

Explanation

The message indicates that the switch was not able to allocate memory to create load share port list.

Action

Restart the switch.

If the problem appears again, contact Technical Support.

MAC Lock Age Task Message: Receive Failed

Mac lock age task message receive failure

Software Version

EW 7.5 and later

Hardware Version

BlackDiamond, Summit, Alpine, "i" series, "e" series

Explanation

This message indicates that the task tFdbMacLockAgeTask is unable to receive messages to age out the entries learnt on a port with mac-lockdown enabled.

Action

If this message appears continuously, contact Technical support

VLAN Creation At Startup Failed

MacVlanDiscover vlan could not be created at startup

Software Version

ExtremeWare 7.3 and later

Hardware Version

BlackDiamond, Summit, Alpine, "i" series, "e" series

Explanation

This message indicates the switch failed to create MacVlanDiscover VLAN.

Action

- 1 Restart the switch.
- 2 Upload the configuration and download the configuration back to the switch.
- 3 If the message appears again, contact Technical Support.

Invalid Route Map Instance

Invalid Route Map Instance

Software Version

ExtremeWare 7.3and later

Hardware Version

BlackDiamond, Summit, Alpine, "i" series,"e" series

Explanation

This message indicates that the switch is trying to access a route-map using an invalid instance.

Action

Restart the switch.

If the message appears again, contact Technical Support.

Invalid Route Map Pointer

Invalid Route Map Pointer
Invalid Route Map Entry Pointer
Invalid Route Map Entry Instance %d
Invalid Route Map Statement Pointer

Software Version

ExtremeWare 7.3 and later

Hardware Version

BlackDiamond, Summit, Alpine, "i" series,"e" series

Explanation

This message indicates that system is trying to access a route-map or route-map entry using an invalid instance or an invalid pointer.

Action

Restart the switch.

If the message appears again, contact Technical Support.

Adding Entry to Empty Route Map Failed

Cannot add entry to empty rtmmap

Software Version

ExtremeWare 7.3 and later

Hardware Version

BlackDiamond, Summit, Alpine, "i" series,"e" series

Explanation

This message indicates the switch is trying to add an entry to a route-map that was already deleted from the switch.

Action

- 1 Check whether the route map is present; use CLI command `show route-map`.
- 2 If the route-map is not present, create a route-map and add the route-map entry.

Free Entry Not Available

Free Entry not available

Software Version

ExtremeWare 7.3 and later

Hardware Version

BlackDiamond, Summit, Alpine, "i" series,"e" series

Explanation

This message indicates you have configured maximum number of route-maps on the switch.

Action

Informational only. No action needed.

VRRP Initialization: Queue Creation Failed

`vrrpInit: Q create failed <id>`

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

This message indicates that the switch failed to create the queue while initializing the VRRP.

Action

- 1 Check the log for details.
- 2 Restart the switch.

If the problem appears again, contact Technical Support.

VRRP Initialization: Task Spawn Failed

`vrpInit: taskSpawn failed <tasked>`

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

This message indicates that the switch failed to spawn the task while initializing the VRRP.

Action

- 1 Check the log for details.
- 2 Restart the switch.

If the problem appears again, contact Technical Support.

VRRP: Unable To Start WD Timer

VRRP: Unable to start WD timer! Retry in 5 sec

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

This message indicates that the switch failed to start the WD timer for VRRP. The switch will retry to start the timer in 5 seconds.

Action

- 1 Check the log for details.
- 2 Check whether the switch corrects the problem in the specified time period.
- 3 After the specified time period, restart the switch.

If the problem appears again, contact Technical Support.

VRRP: Memory Allocation Failure

vrrpAlloc: sbmalloc failure. size=<length>

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

This message indicates that the switch failed to allocate memory for VRRP. This may be due to insufficient resources.

Action

Check the logs for details.

If this is not a temporary condition caused due to traffic burst, contact Technical Support.

System Health Check: Bad Length

```
Sys-health-check [EDP] bad length (%x, %x) %s, port 0x%x",  
pdu->length, packetlength, slotName(rootSlot), portNum);
```

Software Version

ExtremeWare 7.4

Hardware Version

All

Explanation

The message indicates that the switch has received an EDP packet with wrong length. The log displays the slot and port numbers on which the EDP packet was received.

Action

- 1 Find the device that is transmitting the wrong EDP packet.
- 2 Run the diagnostics to verify whether the hardware is in good condition.
- 3 If you find issues with the hardware, replace it.

If the problem appears again, contact Technical support.

System Health Check: Bad SNAP

```
Sys-health-check [EDP] bad SNAP (%x, %x) %s, port 0x%x",  
hdr->llcSnap.type, ntohs(EDP_SNAP_ID), slotName(rootSlot), portNum)
```

Software Version

ExtremeWare 7.4, ExtremeWare 7.5

Hardware Version

All

Explanation

The message indicates that the EDP packet received has a wrong SNAP type. The log displays the slot and port numbers on which the wrong EDP packet was received.

Action

- 1 Find the device that is transmitting the wrong EDP packet.
- 2 Run the diagnostics to verify whether the hardware is in good condition.
- 3 If you find issues with the hardware, replace it.

If the problem appears again, contact Technical support.

System Health Check: Bad OUI

```
Sys-health-check [EDP] bad OUI (%02x:%02x:%02x) %s, port 0x%x", hdr->llcSnap.oui[0],  
hdr->llcSnap.oui[1], hdr->llcSnap.oui[2],slotName(rootSlot), portNum);
```

Software Version

ExtremeWare 7.4, ExtremeWare 7.5

Hardware Version

All

Explanation

This message indicates that the switch has received an EDP packet with wrong OUI type. The log provides details on the slot and port numbers on which the wrong EDP packet was received.

Action

- 1 Find out the device that is transmitting the wrong EDP packet.
- 2 Run diagnostics to verify whether the hardware is in good condition.
- 3 If you find issues with the hardware, replace it.
- 4 If the problem persists, contact Technical support.

Writing To EEPROM Not Supported

Do not support EEPROM write for device number

Software Version

ExtremeWare 7.5

Hardware Version

BlackDiamond

Explanation

The message indicates that the switch does not support the write operation on the EEPROM device.

Action

Informational only. No action needed.

Message Queue Creation Failed

Message queue creation failure

Software Version

ExtremeWare 7.3, 7.4, 7.5

Hardware Version

All

Explanation

The message indicates that the switch failed to create the message queue.

Action

Restart the switch.

Ptag Allocation Failed

Ptag allocation failure

Software Version

ExtremeWare 7.3, 7.4, 7.5

Hardware Version

All

Explanation

The message indicates that the switch failed to allocate Ptag. The Ptag table may be full.

Action

Restart the switch or stop the process which consumes more ptag in the memory.

Read EEPROM Failed

Read of EEPROM failure (%d)

Software Version

ExtremeWare 7.3, 7.4, 7.5

Hardware Version

All

Explanation

The message indicates that the switch could not read the MAC address from the EEPROM.

Action

Restart the switch and then try.

If the problem appears again, contact Technical Support.

STP Domain Allocation Failed

- STP domain allocation failure
- STP domain table allocation failure

Software Version

ExtremeWare 7.3, ExtremeWare 7.4, ExtremeWare 7.5

Hardware Version

All

Explanation

The message indicates that the switch could not allocate memory for the STP domain.

Action

- 1 Restart the switch.
- 2 Delete the STP domain.
- 3 Create the STP domain.

Task Creation Failed

Task creation failure (%d, %d)

Software Version

ExtremeWare 7.3, ExtremeWare 7.4, ExtremeWare 7.5

Hardware Version

All

Explanation

The message indicates that the switch failed to create the task.

Action

Restart the switch.

Timer Bucket Allocation Failed

Timer bucket allocation failed

Software Version

ExtremeWare 7.3, ExtremeWare 7.4, ExtremeWare 7.5

Hardware Version

All

Explanation

The message indicates that the switch failed to allocate memory for the STP timer.

Action

Check the hardware and replace it, if necessary.

Failed To Allocate Memory For VLAN

sbmalloc(%d) failure

Software Version

ExtremeWare 7.3, 7.4, 7.5

Hardware Version

All

Explanation

The message indicates that the switch failed to allocate memory for the VLAN associated with the STP domain.

Action

Restart the switch.

Transmit Mbuf Allocation Failed

transmit mbuf allocation failure (%p/%p/%p)

Software Version

ExtremeWare 7.3, 7.4, 7.5

Hardware Version

All

Explanation

The message indicates that the switch could not allocate memory for mbuf.

Action

Restart the switch.

System Health Check: Bad Version

```
Sys-health-check [EDP] bad version (%x) %s,port 0x%x", pdu->edpVersion,  
slotName(rootSlot), portNum);
```

Software Version

ExtremeWare 7.4, ExtremeWare 7.5

Hardware Version

All

Explanation

The message indicates that the version of the received EDP has a wrong value. The log displays the slot and port numbers on which the wrong EDP packet was received.

Action

- 1 Find the device that is transmitting the wrong EDP packet.
- 2 Run diagnostics to verify whether the hardware is fine.
- 3 Replace hardware if there is a problem.
- 4 If the problem appears again, contact Technical support.

System Health Check: Checksum Error

```
Sys-health-check [EDP] checksum error (slow-path) on %s, port 0x%x %s",  
slotName(rootSlot), portNum, serial_no);
```

Software Version

ExtremeWare 7.4, ExtremeWare 7.5

Hardware Version

All

Explanation

The message indicates that the switch has received an EDP packet with a wrong checksum. The log displays the slot and port numbers on which the wrong EDP packet was received.

Action

- 1 Find the device that is transmitting the wrong EDP packet.
- 2 Run diagnostics to verify whether the hardware is in good condition.
- 3 Replace hardware if there is a problem.
- 4 If the problem appears again, contact Technical support.

VRRP Allocation: Memory Failure

vrrpAlloc: sbmalloc failure. size=<length>

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

This message indicates an error in the memory sub-system. This could be due to insufficient resources.

Action

Check the logs for details.

If this is not a temporary condition caused due to traffic burst, contact Technical Support.

Failed to Change MAC Address on Port

Failed to change MAC address <addr> on port <p>

Software Version

ExtremeWare 7.3 and later

Hardware Version

All "i" series

Explanation

This message indicates that the switch failed to update the MAC address in the router table. This may be due to a version mismatch of the chipset.

Action

Contact Technical Support.

Unable to Clear Netlogin Entry for MAC

Unable to clear Netlogin entry for <mac>

Software Version

ExtremeWare 7.3 and later

Hardware Version

Cards that support wireless ports. Such as, Altitude 350, Summit WM100, and Summit WM1000.

Explanation

The message indicates that the switch failed to clear a netlogin MAC entry from the station table and bridge.

Action

Verify the logs for details.

Remote Set Request Not Implemented

Remote set request for member not yet implemented (Interface)

Software Version

ExtremeWare 7.3 and later

Hardware Version

Cards that support wireless ports. Such as, Altitude 350, Summit WM100, and Summit WM1000.

Explanation

The message indicates that the switch does not support the specified SNMP set requests.

Action

See the documentation for a list of supported set requests for the ExtremeWare release.

Memory Allocation for Bridge-Interface Failed

EAPS Shared-port 1:1 - Out of memory. Cannot malloc Bridge-interface for vlan %s, port %P

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

The message indicates that the EAPS super domain (ESD) failed to allocate memory for Bridge interface for VLAN.

Action

- 1 Check the available memory on the switch.
- 2 Reboot the switch to free up memory for the ESD process. If you notice any issues such as memory leak, contact Technical Support.

Memory Allocation for Segment Interface Failed

EAPS Shared-port 1:1 - Out of memory. Cannot malloc Segment-interface

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

This message indicates that the EAPS super domain (ESD) failed to allocate memory for the segment-interface.

Action

- 1 Check the available memory on the switch.
- 2 Reboot the switch to free up memory for the ESD process. If you notice any issues such as memory leak, contact Technical Support.

Memory Allocation for ESD Domain Failed

Out of memory. Cannot malloc ESD domain.

Software Version

ExtremeWare 7.2 and later

Hardware Version

All “i” series

Explanation

This message indicates that the EAPS super domain (ESD) failed to allocate memory for the ESD Domain.

Action

- 1 Check the available memory on the switch.
- 2 Reboot the switch to free up memory for ESD process. If you notice any issues such as memory leak, contact Technical Support.

Hello Timer Creation Failed

EAPS Shared-port 1:1 - Cannot create Hello-timer

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

This message indicates that the EAPS super domain (ESD) failed to create a hello-timer. This could occur if the switch could not allocate memory for the hello-timer.

Action

- 1 Check the available memory on the switch.
- 2 Reboot the switch to free up memory for the ESD process. If you notice any issues such as memory leak, contact Technical Support.

Fail Timer Creation Failed

EAPS Shared-port 1:1 - Cannot create Fail-timer.

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

This message indicates that the EAPS super domain (ESD) failed to create the fail-timer. This could occur if the switch could not allocate memory for the fail-timer creation process.

Action

- 1 Check the available memory on the switch.
- 2 Reboot the switch to free up memory for the ESD process. If you notice any issues such as memory leak, contact Technical Support.

No EAPS Domain on the Control VLAN

Received ESD PDU on Vlan Id (%d). No EAPS domain found with this as Control vlan

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

This message indicates that the switch has received EAPS super domain (ESD) PDU on a VLAN that is not configured as a control VLAN for the EAPS domain.

Action

Add the vlan as control vlan to EAPS domain.

Or

Configure the specific vlan as the control vlan on the neighbor switch.

Segment Timer Creation Failed

EAPS Shared-port Segment-Port 2:1 - Cannot create Segment-timer

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

This message indicates that the EAPS super domain (ESD) failed to create a segment-timer. This could occur if the switch could not allocate memory for the segment-timer creation process.

Action

- 1 Check the available memory on the switch.
- 2 Reboot the switch to free up memory for the ESD process. If you notice any issues such as memory leak, contact Technical Support.

Shared Port Timer Creation Failed

EAPS Shared-port 1:1 - Cannot create Shared-port-timer

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

This message indicates that the EAPS super domain (ESD) failed to create a shared port-timer. This could occur if the switch could not allocate memory for the shared port timer.

Action

- 1 Check the available memory on the switch.
- 2 Reboot the switch to free up memory for the ESD process. If you notice any issues such as memory leak, contact Technical Support.

EAPSD: Multiple Masters On Same EAPS Domain

EAPS: EAPSD eaps1a - Multiple Masters on the same EAPS domain. Received Health-Pdu from another master [MAC=00:01:30:3d:99:00]

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" and "e" series

Explanation

The message indicates that another EAPS master domain exists on the same EAPS ring.

The EAPS master receives a health check PDU or FDB Flush PDU with a different source MAC address when there is another EAPS master domain on the same EAPS ring.

Action

- 1 Check the EAPS configuration on all the nodes.
- 2 Unconfigure one EAPS master.
- 3 Configure the node as Transit or remove the node from EAPS ring.

EAPSD: Fail Timer Expired While State Is Init

EAPS: EAPSD eaps-up - Fail timer expired, while state is Init

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" and "e" series

Explanation

This message indicates that the fail timer on the EAPS master domain has expired, but the EAPS master has not received any healthcheck PDU on the secondary port.

EAPS Master domain will be in INIT state till the port ring ports are up and the ring complete (Health check PDU) message is received.

EAPS master can be in any of the following states:

- INIT
- IDLE
- FAILED
- COMPLETE

Action

- 1 Check the link status in EAPS ring.
- 2 Check why the EAPS master has not received the Health check PDU.

System Rebooted Due to Stack Merge

System rebooted due to stack merge. Prev Master found

Software Version

ExtremeWare 7.7 and later

Hardware Version

All “i” and “e” series

Explanation

This message indicates the switch restarted due to a stack merge.

Action

No action needed. This message is informational only.

System Rebooted Due to Discovery Failure

System rebooted due to discovery failure :%d Num timeouts : %d

Software Version

ExtremeWare 7.7 and later

Hardware Version

All “i” and “e” series

Explanation

This message indicates that the switch restarted due to failure in the discovery process.

Action

If this message appears frequently, configure the debug-trace for the messages related to the discovery using the command:

```
configure debug-trace stacking 268435456
```

Contact the Technical Support and send the logs to the Technical Support.



Error Messages

Error messages indicate problems that require corrective action, but not immediately.

Check the “Issues Resolved In” sections in the latest *ExtremeWare Installation and Release Notes* to see if the error message indicates an issue that has been corrected in a recent software release.

Boot ROM Version Download Error

ERROR: The Boot ROM you have downloaded cannot boot the ExtremeWare images that are installed on this system. The boot ROM will not be written to the flash.
Please upgrade to version 8.1 or later.

Software Version

ExtremeWare 7.1.1 and later

Hardware Version

BlackDiamond with MSM-3

Explanation

This message indicates that an attempt was made to download an incompatible version of Boot ROM to an MSM-3 module (either the master or slave). MSM-3 requires Boot ROM version 8.1 or greater.

Action

If you are trying to load an earlier version of Boot ROM on an MSM64i, remove all MSM-3s in the chassis and try again.

If you are updating the Boot ROM image on MSM-3s, try again with a compatible version.

Boot ROM Version Synchronization Error

Error: execution of the command failed
Attempt to sync incorrect BootROM version 7.8 for MSM-3
MSM-3 requires BootROM version 8.1 or greater

Software Version

ExtremeWare 7.1.1 and later

Hardware Version

BlackDiamond with MSM-3

Explanation

This message indicates that an attempt was made to synchronize an incompatible version of Boot ROM to an MSM-3 module. MSM-3 requires Boot ROM version 8.1 or greater.

Action

Make sure that a compatible version of Boot ROM is present on the master MSM before synchronizing to a slave MSM-3.

Cannot Create VLAN

ERROR: Cannot create vlan "IN_test" Hardware resource is not available (2/0)

Software Version

ExtremeWare 7.0.0 and later

Hardware Version

All

Explanation

This error appears on the console when you are trying to create a VLAN and the hardware resource is not available. You need hardware resources to create a VLAN. For example, you need some PTAGs (OTPs) to hold all ports in the vlan for broadcast and unknown destination packets. When these PTAGs are not available, this type of error message is displayed.

In the above message, the first number (2) indicates that it failed to allocate PTAG block (1=PTAG index), and the second number (0) is the corresponding slot+1.

In addition, an error message is added to the log. In the above example, the message looks similar to the following:

```
"ERROR: Bridge create failed due to OTP block allocation failure (%d)"
```

In this case, the switch is constantly reporting out of PTAG blocks in the log:

```
08/29/2003 12:30.16 <WARN:HW> tNetTask: Reached maximum otp block allocation for MSM-B
08/29/2003 12:30.16 <WARN:HW> tNetTask: Reached maximum otp block allocation for slot 2
08/29/2003 12:30.16 <WARN:HW> tNetTask: Reached maximum otp block allocation for MSM-B
08/29/2003 12:30.16 <WARN:HW> tNetTask: Reached maximum otp block allocation for slot 2
08/29/2003 12:30.16 <WARN:HW> tNetTask: Reached maximum otp block allocation for slot 1
08/29/2003 12:30.16 <WARN:HW> tNetTask: Reached maximum otp block allocation for MSM-B
08/29/2003 12:30.16 <WARN:HW> tNetTask: Reached maximum otp block allocation for slot 1
08/29/2003 12:30.16 <WARN:HW> tNetTask: Reached maximum otp block allocation for slot 1
08/29/2003 12:30.16 <WARN:HW> tNetTask: Reached maximum otp block allocation for MSM-B
```

Action

Find out why this particular switch is running out of PTAG block. For example, is it as a result of a virus attack?

Committed Rate Exceeded for Port

ERROR: max allowable committed-rate exceeded for port 1:1

Software Version

ExtremeWare 7.1.0 and later

Hardware Version

BlackDiamond and Alpine High-Density Gigabit Ethernet modules (G16X3, G24T3, GM-16X3, and GM-16T3)

Explanation

This message indicates that the maximum allowable ingress committed-rate for the indicated port will be exceeded if the attempted ingress QoS configuration is allowed. The sum of the committed rate and the equivalent rate for the configured minbw percent for all ingress queues on a port must not exceed 250 mbps for 4:1 oversubscribed platforms (GM-16T3, GM-16X3, and G24T3) and 500 mbps for 2:1 oversubscribed platforms (G16X3).

Action

Run the `show qosprofile ingress <portlist>` command to view the configured ingress rates on all the queues for the selected ports. Then run the `config qosprofile ingress` command to assign ingress rates as desired.

Delete FDB Entry

```
MSM64:139 # delete coconut1  
updateEdpFilter: Trying to double del  
Deleted vlan coconut1
```

Software Version

ExtremeWare 2.x, 4.x, and 6.x

Hardware Version

All

Explanation

These messages indicate that the switch is trying to delete an FDB entry that is not available at the moment you are deleting the VLAN.

Action

No action is necessary.

ExtremeWare Download Error, Version Incompatible

The ExtremeWare version being downloaded is 7.0.1b13.
ERROR: This system requires ExtremeWare version 7.1.1 or greater

Software Version

ExtremeWare 7.1.1 and later

Hardware Version

BlackDiamond with MSM-3

Explanation

This message indicates that an attempt was made to download an incompatible version of ExtremeWare to an MSM-3 module (either the master or slave). MSM-3 requires version 7.1.1 or greater.

Action

If you are trying to load an earlier version of software on an MSM64i, remove all MSM-3's in the chassis, and try again.

If you are updating the ExtremeWare image on MSM-3's, try again with a compatible version.

ExtremeWare Synchronization Error, Version Incompatible

```
Error: execution of the command failed
Attempt to sync incorrect E-Ware version 7.0.1 for MSM-3
MSM-3 requires E-Ware version 7.1.1 or greater
```

Software Version

ExtremeWare 7.1.1 and later

Hardware Version

BlackDiamond with MSM-3

Explanation

This message indicates that you tried to synchronize an incompatible version of ExtremeWare to an MSM-3 module. The selected image to use is the only version that is checked to allow a recovery back to a previous version, if desired. MSM-3 requires ExtremeWare version 7.1.1 or greater.

Action

Make sure that a compatible version of ExtremeWare is present and selected with `use image` on the master MSM before synchronizing to a slave MSM-3.

ExtremeWare Version Incompatible

Error: execution of the command failed
Attempt to use incorrect E-Ware version 7.0.1 for MSM-3
MSM-3 requires E-Ware version 7.1.1 or greater.

Software Version

ExtremeWare 7.1.1 and later

Hardware Version

BlackDiamond with MSM-3

Explanation

This message indicates that the selected ExtremeWare version is incompatible with an MSM-3 module. MSM-3 requires ExtremeWare version 7.1.1 or greater.

Action

Make sure that a compatible version of ExtremeWare is present on the applicable image bank (primary or secondary) for all installed MSMs and issue the `use image` command again.

fetchPacket64 Failed

fetchPacket64 failed WTX - (0, 50, ffff)

Software Version

ExtremeWare 6.x

Hardware Version

BlackDiamond "i" series

Explanation

This message indicates that ExtremeWare will try to fetch more data from the packet driver. It will first try to read 64/128 bytes from the incoming packet. ExtremeWare waits for these bytes, and if it gets no response, it displays this message. This is caused by obsolete software.

Action

Upgrade to the latest software.

Firmware Version Not Supported

Slot X - Firmware mismatch, disabling PoE feature, use CLI to download appropriate firmware

Software Version

ExtremeWare 7.2.0bx

Hardware Version

FM32P modules only

Explanation

This message indicates that the version of firmware on the blade is not supported by ExtremeWare.

Action

Run the download CLI command to obtain the version built into ExtremeWare.

Initialization Failed

Slot x PoE system failed to initialize

Software Version

ExtremeWare 7.2.0bx

Hardware Version

FM32P modules only

Explanation

This message indicates an initialization failure. The firmware might have a problem.

Action

Download firmware again. If it happens again, contact Technical Support.

Invalid Cost

pifChangeStpPathCosts: Invalid cost for port 0x8ea8b120(0)

Software Version

ExtremeWare 2.x and 4.x

Hardware Version

All Summit chipset products

Explanation

This message indicates that you tried to set the STP path cost for a port to zero.

Action

Set the cost to a value other than zero.

Invalid Link Speed

pifChangeHwPortMode: Invalid link speed 0

Software Version

All ExtremeWare versions

Hardware Version

All

Explanation

This message indicates that you tried to set a port link speed other than 10, 100, 1000, or 10/100.

Action

Set port link speed to 10, 100, 1000, or 10/100.

Invalid Port Speed

stpPortDefaultPathCost: Invalid port speed for pif

Software Version

ExtremeWare 2.x

Hardware Version

All Summit chipset products

Explanation

This message indicates that you are trying to set the default path cost for a port with a link speed other than 10, 100, 1000, or 10/100.

Action

Set port link speed to 10, 100, 1000, or 10/100.

Link Down

N9_BD6800_Sec SYST: Port 2:6 link down

Software Version

All ExtremeWare versions

Hardware Version

All

Explanation

This message indicates a link has gone up and down.

Action

Check links to ensure there is no unexpected port flapping.

Login Failed

USER: Login failed for user through telnet (149.127.139.142)

Software Version

All ExtremeWare versions

Hardware Version

All

Explanation

This message indicates that someone failed a login attempt.

Action

No action is necessary.

Messages from Interrupt Level Lost

rack:6 # 0x874e5b90 (tExcTask): 41 messages from interrupt level lost.

Software Version

ExtremeWare 4.x and 6.x

Hardware Version

All

Explanation

This message indicates that the CPU is temporarily busy.

Action

No action is necessary.

No 802.1q Tag

```
<ERRO:STP> testBindBifToStpd: Stpd "name" no dot1q tag
```

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that there was an attempt to bind a VLAN to an STPD, but an STPD other than s0 has no 802.1q tag.

Action

Reconfigure to assign the tag to the STPD.

No PIF for BIF

```
<ERRO:STP> stpPortTestSetPortMode: No pif for bif "x", bridge "y"
```

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that there was an attempt to add an STP port to an STPD that has no bridge interface structure.

Action

This situation occurs as a result of no memory. Reduce memory needs and retry.

Packet Send Buffer Failed

ngPacketSendBuffer failed WTX - (6, 400, fe0)

Software Version

Any

Hardware Version

All “i” series

Explanation

This message indicates that ExtremeWare started an operation, but in the middle it could not access the queue on the particular slot. There are two possible reasons for this occurring:

- Hot swapping
- Faulty hardware

Action

Run the extended diagnostics on the slot.

PBUS CRC Error

ERROR: Slot 1 port 22 PBUS CRC Error

Software Version

ExtremeWare 6.0

Hardware Version

All "i" series

Explanation

This message indicates that the hardware has detected an internal corruption of packets.

Action

If this message occurs only once in the log, no action is necessary.

If this message occurs repeatedly, contact Technical Support.

PoE Firmware Invalid on Blade

Slot X no valid PoE firmware on flash

Software Version

ExtremeWare 7.2.0bx

Hardware Version

FM32P modules only

Explanation

This message indicates that there is no firmware loaded on the blade.

Action

Download the firmware. If it happens again, RMA the board.

PoE Firmware Invalid on Slot

PoE Firmware not valid on slot X

Software Version

ExtremeWare 7.2.0bx

Hardware Version

FM32P modules only

Explanation

This message indicates that there is no firmware loaded or the firmware is bad.

Action

Download the firmware. If it happens again, call customer support.

PoE Hardware Problem, Disabling PoE on Port

Port x:x has a PoE hardware problem, disabling PoE for the port.

Software Version

ExtremeWare 7.2.0bx

Hardware Version

FM32P modules only

Explanation

This message indicates that the PoE is no longer functioning on the port.

Action

Switch to another port that supports PoE or use the port only for regular Ethernet use.

PoE Not Operational

PoE system on slot X not operational

Software Version

ExtremeWare 7.2.0bx

Hardware Version

FM32P modules only

Explanation

This message indicates that the PoE system is not functioning.

Action

Try downloading firmware via the CLI. If there is still a problem, RMA the board.

Port in 802.1d Mode Already Exists

<ERRO:STP> stpPortTestSetPortMode: Stpd "name" Port "x" in .1d mode

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that an STP port on the physical port is already in 802.1d mode. You cannot add another STP port to STPD s0.

Action

Reconfigure to use one STP port per physical port in 802.1d mode.

Power Consumption Normal for Slot

ERROR: PSU-[Internal | External] consumption normal for slot x

Software Version

ExtremeWare 7.2.0bx

Hardware Version

FM32P modules only

Explanation

This message indicates that the total measured power for the slot has returned to normal consumption.

Action

Informational only. No action needed.

Power Consumption Normal for System

ERROR: PSU-[Internal | External] consumption normal for system

Software Version

ExtremeWare 7.2.0bx

Hardware Version

FM32P modules only

Explanation

This message indicates that the total measured power for the system has returned to normal consumption.

Action

Informational only. No action needed.

Send Slave Config Length Error

<ERROR:SYST> sendSlaveCfgDb: Save fn.for EAPS returns 8. Max.possible length = 4

Software Version

ExtremeWare 7.1.1 and later

Hardware Version

BlackDiamond with MSM-3 module

Explanation

This message indicates that a benign internal software error occurred during configuration transfer while Hitless Failover was enabled. Because the software recovers automatically from this error, no problematic behavior is seen.

Action

No action is necessary because problem recovery is automatic.

Unable to Allocate Memory, STPD Bridge List

<ERRO:KERN> Unable to alloc memory for stpd bridge list

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that memory allocation failed when binding a VLAN to an STPD.

Action

Reduce memory needs and retry.

VDSL vPowRead

vPowRead returned err 4:1

Software Version

ExtremeWare 6.1.8W301b51

Hardware Version

VDSL

Explanation

This message indicates that an error occurred while reading remote power registers. You will only see this message if you use the hidden `show vdsl power` command.

Action

No action is necessary.

VDSL Reduced Mode

```
VDSL reduced mode link up on port 4:1  
VDSL link up on port 4:1
```

Software Version

ExtremeWare 6.1.8W301b51

Hardware Version

VDSL

Explanation

These messages indicate that a change in link state has occurred. The ports first come up in reduced mode to allow for noisy line conditions and later attempt to come up in normal mode. If the ports are still unable to come up, it can be due to one of the following:

- Bad cable connection
- Problem with cable
- Problem with hardware (port)
- Wrong configuration between the two ends of the port parameters in the software

Action

No action is necessary.

VLAN ID Conflict

```
<ERRO:STP> testBindBifToStpd: vlan id "x" conflicts with another Stpd "name"
```

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that there was an attempt to bind a VLAN to an STPD, but VLAN ID is already used by another STPD.

Action

Reconfigure to use VLAN ID as tag on only one STPD.

VLAN Not in STPD

<ERRO:KERN> Bridge "name" not associated with stpd "name"

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the VLAN you tried to remove does not belong to the specified STPD.

Action

Informational only. No action needed.

GPP Initialization Error

gppDisp: Initialization Error!

Software Version

ExtremeWare 7.3 and later

Hardware Version

Alpine and Black Diamond (MPLS and PoS modules)

Explanation

This message is displayed if the general purpose processor (GPP) module fails to initialize.

The GPP module is responsible for the communication between the eXecutive Process (XP) and the general purpose processor (GPP) of the network process blade.

Action

Save the log files and contact Technical Support.

TACACS Server Not Configured for Session

No tacacs server configured for <session name> session

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

This error message indicates that the TACACS server is not configured, or is incorrectly configured.

The TACACS is a mechanism for providing authentication, authorization, and accounting on a centralized server.

Action

Refer *ExtremeWare User Guide* and configure the primary and secondary TACACS server. If problem persists, contact Technical Support.

Unsupported Data Type

Unsupported data Type in WLMObjectSetValueNVRAM() function

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

Since the internal varband data type was not in the expected format (integer or octet string), the switch could not write to NVRAM.

Action

Check the SNMP command sent and retry.

If problem persists, contact Technical Support.

RADIUS Authentication Server Not Found

TACP sendAuthen req: Did not find Radius Auth server:

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

This message indicates that the RADIUS server is not configured or is incorrectly configured.

The RADIUS service is a mechanism for providing authentication and centrally administering access to network nodes.

Action

Refer *ExtremeWare User Guide* and configure the primary and secondary RADIUS server.

If the problem persists, contact Technical Support.

No MAC Entries Available on Ikup Table

`vrp-enable on vlan <vlan-name> No mac-entries available in lkup table`

Software Version

ExtremeWare 7.3

Hardware Version

All "i" series and "e" series

Explanation

This message indicates that there is a mismatch between the software and hardware entries for the VRRP MAC.

Action

Reboot the switch.

If the reboot does not fix the problem, contact Technical Support.

Cannot Create Permanent Entry with MAC Address

`fdbCreatePermEntry: Can not create permanent entry with MAC Address`

Software Version

ExtremeWare 7.3

Hardware Version

All "i" series and "e" series

Explanation

This message indicates that the switch failed to create a permanent FDB entry.

Action

Run the command `show fdb permanent` to see if a mac of 00:00:00:00:00:00 is created. If it is not created, then reboot the system.

If the reboot does not fix the problem, contact Technical Support.

sysObjSetStpd Returned Error for StpBridgePriority

dot1dStp_set: sysObjSetStpd returned error for StpBridgePriority

Software Version

ExtremeWare 7.3

Hardware Version

All "i" series and "e" series

Explanation

The message indicates that the SNMP set operation on the stpBridgePriority has failed. The SNMP operator will observe that the SET operation has failed.

Action

Verify the values given for stpBridgePriority, and confirm that the values are within the allowed range.

sysObjSetStpd Returned Error for dot1dStpBridgeHelloTime

dot1dStp_set: sysObjSetStpd returned error for dot1dStpBridgeHelloTime

Software Version

ExtremeWare 7.3

Hardware Version

All "i" series and "e" series

Explanation

The message indicates that the SNMP set operation on the stpBridgeHelloTime has failed. The SNMP operator will observe that the SET operation has failed.

Action

Verify the values given for stpBridgeHelloTime, and confirm that the values are within the allowed range.

sysObjSetStpPort Returned Error for dot1dStpPortPriority

dot1dStpPortEntry_set: sysObjSetStpPort returned error for dot1dStpPortPriority

Software Version

ExtremeWare 7.3

Hardware Version

All "i" series and "e" series

Explanation

The message indicates that the SNMP set operation on the dot1dStpPortPriority variable has failed. The SNMP operator will observe that the SET operation has failed.

Action

Verify the values for dot1dStpPortPriority, and confirm that the values are within the allowed range.

sysObjSetStpPort Returned Error for dot1dStpPortPathCost

dot1dStpPortEntry_set: sysObjSetStpPort returned error for dot1dStpPortPathCost

Software Version

ExtremeWare 7.3

Hardware Version

All "i" series and "e" series

Explanation

The message indicates that the SNMP set operation on the dot1dStpPortPathCost variable has failed. The SNMP operator will observe that the SET operation has failed.

Action

Verify the values given for dot1dStpPortPathCost, and confirm that the values are within the allowed range.

Failed to Send Timer Tick to DLA Task

Failed to send timer tick to DLA task.

Software Version

ExtremeWare 7.3

Hardware Version

All "i" series and "e" series

Explanation

The message indicates that an error has occurred in the timer processing of the LACP module.

Action

Check the logs and see whether the error message appears again. If you see the message again, reboot the switch.

If reboot does not fix the problem, contact Technical Support.

No Trunk ID for Port

trunk-id not found for port

Software Version

ExtremeWare 7.3

Hardware Version

All “e” series

Explanation

The message indicates an error in the IP FDB Creation over load-shared ports.

Action

Reboot the system. If reboot does not fix the problem, contact Technical Support.

Auto Diagnostic Running While Timer Expiry

Error: Auto-Diags already Running @ Timeout>

Software Version

ExtremeWare 7.3

Hardware Version

BlackDiamond

Explanation

The message indicates that the auto diagnostics was running while the auto diagnostics timer expired.

Action

Reboot the system. If reboot does not fix the problem, contact Technical Support.

Cable Diagnostic Module Management Queue Failed

Error (<Error Number>): Creating CDM_MGMT_IN_Q

Software Version

ExtremeWare 7.3

Hardware Version

BlackDiamond

Explanation

The message indicates that the switch failed to create the message queue for cable diagnostics.

Action

Reboot the system. If reboot does not fix the problem, contact Technical Support.

Cable Diagnostic Module Message Queue Failed

Error (<Error Number>): Creating CDM_MSG_IN_Q

Software Version

ExtremeWare 7.3

Hardware Version

BlackDiamond

Explanation

The message indicates that the switch failed to create the message queue for cable diagnostics.

Action

Reboot the system. If reboot does not fix the problem, contact Technical Support.

Invalid Message Type

Error: Invalid msgType <Message Type>

Software Version

ExtremeWare 7.3

Hardware Version

BlackDiamond

Explanation

The message indicates that the switch has received a message which is not recognized by the cable diagnostics.

Action

Reboot the system. If reboot does not fix the problem, contact Technical Support.

Manual Diagnostics In Progress

Error, Manual Diags already Running

Software Version

ExtremeWare 7.3

Hardware Version

BlackDiamond

Explanation

The message indicates that the cable diagnostics module is already running in manual mode.

Action

Run the command after the switch completes the task that is in progress.

Memory Allocation for Manual Diagnostics Failed

Error: Failed to allocate memory for Manual Diagnostics

Software Version

ExtremeWare 7.3

Hardware Version

BlackDiamond

Explanation

The message indicates that the switch failed to allocate memory for the cable diagnostics module.

Action

Reboot the system. If the reboot does not fix the problem, contact Technical Support.

Message Queue Receive Failed

Error: msgQReceive returned error

Software Version

ExtremeWare 7.3

Hardware Version

BlackDiamond

Explanation

The message indicates that the message queue receive failed.

Action

Reboot the system. If the reboot does not fix the problem, contact Technical Support.

slot 1 port 5 Good Response PPP Link Status Size 12

slot 1 port 5 good response PPP Link status size 12

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The message is returned by the SNMP test request and indicates that a PPP message was sent successfully to the card.

Action

Informational only. No action needed.

No Physical Port Associated to STP Port

STP port 10 has no physical port associated with it

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The message indicates that the STP port does not have an associated physical port. The message usually appears when the port state changes from the listening or learning, and forwarding.

Action

- 1 Check the port status using the `show port` command.
- 2 Delete the STP port and STP domain.
- 3 Add the physical port again to the STP port.

Unable to Allocate Memory for Bridge STPD List

stpTask: Can't get tx_mbuf

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The switch has failed to allocate memory for STP bridge list when a VLAN was added to the STP domain.

Action

- 1 Check the memory available in the switch using the command `show memory on switch`.
- 2 Reboot the switch to fix the memory allocation errors.
- 3 Report the problem to Technical Support.

PPP Link Configuration Too Short

slot 1 port 5 bad response PPP Link config -- too short

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The SNMP test or get request returns failure message when the switch was not able to send a PPP message to the card successfully.

Action

Check the card status. If the card or port is down, enable it.

STP Task: Cannot Get Transmission Mbufs

stpTask: Can't get tx_mbuf

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The switch failed to allocate memory for STP BPDU packet.

Action

- 1 Check the memory available on the switch using the command `show memory`.
- 2 Reboot the switch to fix the memory allocation errors.
- 3 Report the problem to Technical Support.

STP Timer Message Queue Send Failed

stpTimer: MsgQ send error

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The switch failed to send the stptimer message in stptimer queue. One reason could be that the queue is full.

Action

- 1 Check the CPU utilized by stptimer and stptask.
- 2 If necessary, disable few STP ports and STP domains.

No Response for PPP Link Configuration

slot 1 port 5 no response PPP Link config

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The SNMP test or get request returns failure message when the switch was not able to sent a PPP message to the card successfully.

Action

Check the card status. If the card or port is down, enable it.

No Response for PPP Link Status Message

slot 1 port 5 no response PPP Link status

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The message is returned by the SNMP test request and indicates that the card has not responded to the PPP link status message.

Action

Check the card status. If the card or port is down, enable it.

Could Not sbmalloc gselectedDvmrpVlansPtr

Could not sbmalloc gselectedDvmrpVlansPtr

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The message indicates that the switch is out of memory.

Action

Reboot the switch to fix the memory allocation errors.

If reboot does not fix the problem, contact Technical Support.

Unable to Set Global Status Message

Unable to set global status message.

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The message indicates that status message to be displayed on the Vista web page is longer than the defined maximum length.

Action

Informational only. No action needed.

Vendor Information Not Available

cgiSelectContact: Could not get vendor

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The switch is not able to find the vendor information of the switch.

Action

Report the problem to Technical Support.

Could Not Get VLAN Instance

Could not get vlan instance.

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The VLAN name given in the Vista web page does not exist on the switch.

Action

Check whether the VLAN name given in the Vista web page exists on the switch.

If the VLAN name exist, contact Technical Support.

URL Not Found

Did not find the requested URL

Software Version

ExtremeWare 7.3

Hardware Version

All “i” series and “e” series

Explanation

The URL or the path specified in the supplicant does not match any of the URLs or paths predefined on the switch.

Action

Check the URL and path specified in the supplicant.

HTTP User Authentication Failed

Authentication failed for HTTP user <user name specified in the supplicant>

Software Version

ExtremeWare 7.3

Hardware Version

All "i" series and "e" series

Explanation

Authentication for the HTTP session (Vista session) has failed.

Action

- Check the user name and the password specified in the client during login.
- Check the RADIUS configuration on the switch.
- Check the reachability of the radius server from the switch and vice-versa. For example, verify whether a route exists to reach the RADIUS server.
- Check the configurations on the RADIUS server.

Network Login Authentication Failed

Authentication failed for Network Login HTTP user <user name specified in the supplicant> Mac <Mac address of the supplicant> Port <incoming port on which the request was received>

Software Version

ExtremeWare 7.3

Hardware Version

All "i" series and "e" series

Explanation

Authentication for the network login HTTP session has failed.

You can identify the source of the HTTP session from the MAC address in the message.

Action

- Check the user name and the password specified in the client during login.
- Check the RADIUS configuration on the switch.
- Check the reachability of the radius server from the switch and vice-versa. For example, verify whether a route exists to reach the RADIUS server.
- Check the configurations on the RADIUS server.

HTTP Initialization Failed

failed to init http

Software Version

ExtremeWare 7.3

Hardware Version

All "i" series and "e" series

Explanation

The message is logged when the web server TCP initialization fails. This error occurs during initialization or while configuring an alternate port.

The web server could be initialized during the switch startup or while configuring an alternate port using the command `enable web access-profile`.

Action

From the log, find the error which caused the initialization failure. Most probably the error logged before this error message.

Wrong Index for vlanIndex in Set Request

`vlanIfIndex` in Set request exists but is not of a VLAN

Software Version

ExtremeWare 7.3

Hardware Version

All

Explanation

The message indicates that you are trying to get information, using network manager or SNMP agent, about a VLAN that is not present on the switch.

Action

Check whether the VLAN name used in the SNMP request exists on the switch.

DOSprotect: Filter Precedence Conflicts with Rule

DOSprotect: filter precedence conflicts with rule \"%s\", please modify CPU DOS precedence

Software Version

ExtremeWare 7.3

Hardware Version

All

Explanation

CPU DoS protection ACL precedence configuration conflicts with other ACLs.

Action

Verify the configuration and resolve the conflicts.

DOSprotect Timeout: Restarting the ACL Timer

DOSprotect timeout: Continuous attack detected, restarting ACL timer

Software Version

ExtremeWare 7.3

Hardware Version

All

Explanation

The message indicates that there was a denial of service attack and the DoS protection feature has reset the ACL timer.

DoS Protection feature creates dynamic ACLs to prevent the DoS attack. If the attack persists after the ACL timeout period, the switch retains the ACL and restarts the ACL timer.

Action

Informational only. No action needed.

DOSprotect Timeout: ACL Removed

DOSprotect timeout: remove ACL

Software Version

ExtremeWare 7.3

Hardware Version

All

Explanation

The message indicates that the DoS protect feature has removed an ACL.

If a DoS attack is detected, the DoS protect feature creates dynamic ACLs. These ACLs are removed if the DoS attack stops after the ACL time out period.

Action

Informational only. No action needed.

Error Enabling FDB Entry Flag

Port 1:2 is wireless enabled. Not calling SET_FDB_ENTRY_EXTFLAGS_ING

Software Version

ExtremeWare 7.3

Hardware Version

Summit 300-24, Summit 300-48, Alpine, and Summit 400-24P

Explanation

The message indicates that the switch is not enabling the FDB entry flags for port 1:2 because wireless is enabled on the port.

Action

Informational only. No action needed.

Failed to Get HTTPS Port Number

Error: Failed to get https port number

Software Version

ExtremeWare 7.3

Hardware Version

All

Explanation

Switched failed to get the HTTPS port number while the user tried to view the SSL Configuration.

Action

Repeat the command.

If the problem persists, contact Technical Support.

Invalid VLAN IfIndex

Invalid ifIndex. Either non-existent or not of a VLAN.

Software Version

ExtremeWare 7.3

Hardware Version

All

Explanation

Error occurred while looking up for a VLAN using SNMP.

Action

Provide the name of an existing VLAN in the SNMP request.

Reading Private Key Failed

Error: Failed to read private key

Software Version

ExtremeWare 7.3

Hardware Version

All

Explanation

The message indicates that there was an error while fetching the SSL private key using `show config` command.

Action

Repeat the command. If problem persists, contact Technical Support.

TFTP Initialization Failed

tftpInit failed

Software Version

ExtremeWare 7.3

Hardware Version

All

Explanation

TFTP initialization failed.

Action

Check if TFTP server is reachable from the switch. If the problem persists, contact Technical Support.

Create VLAN Request: VlanIfIndex Exists

extremeVlanIfTable: The VlanIfIndex in the Create request already exists.

Software Version

ExtremeWare 7.3

Hardware Version

All

Explanation

You are trying to create a VLAN with the name of an existing VLAN.

Action

Use a VLAN name that does not exist in the switch configuration.

Read Back Verification Failed

Failed setting led to (4) on slot 1

Software Version

ExtremeWare 6.2 and later

Hardware Version

BlackDiamond

Explanation

Read back verification fails after writing an I/O module register to change an LED state.

Action

Informational only. No action needed.

PSU Output Failed

PSU-x output failed

Software Version

ExtremeWare 7.3 and later

Hardware Version

BlackDiamond and Alpine

Explanation

PSU is connected to the chassis. But, the power cable is not connected properly.

Action

Connect the power cable properly. Check the power supply. If you see this problem frequently, replace the power unit.

ngRxFirSt Failed

ngRxFirSt failed on no packet for the CPU in the packet buffer - (1, 0, 1)

Software Version

ExtremeWare 6.2 and later

Hardware Version

BlackDiamond, Alpine, and Summit

Explanation

The CPU diagnostics has detected checksum error.

Action

Run diagnostics on the card. If diagnostics does not report any problem, reboot the system.

Error Reading Register

ERROR: tsunamiReadReg: Slot 1 port xx register d not ready after select

Software Version

ExtremeWare 6.2 and later.

Hardware Version

BlackDiamond, Summit “i” series

Explanation

Error occurred while Tsunami ASIC tried to read register d of port XX found on slot 1.

The switch will take the action configured using sys-health-check. If you have configured sys-health-check to shut down the card, the card is set to non-operational.

Action

Run diagnostics to get details on the hardware. Contact Technical Support, if required.

Error Reading Register

ERROR: Slot 1 port xx register 8a not ready after select

Software Version

ExtremeWare 6.2 and later

Hardware Version

BlackDiamond, Summit “i” series

Explanation

Timeout occurred while the ASIC tried to read a register on slot 1 on port xx. May be the card is not active.

The switch will take the action configured using `sys-health-check`. If you have configured `sys-health-check` to shut down the card, the card is set to non-operational.

Action

Run diagnostics to get details on the hardware. If the problem persists, contact Technical Support.

Active MSM Failed to Program FLASH

Remote FLASH Program data failed sector 1 offset 16223

Software Version

ExtremeWare 6.2 and later

Hardware Version

BlackDiamond

Explanation

If you have two MSM on the chassis, the active MSM can program the flash of the other MSM. In this case, the active MSM failed to program the FLASH of the other MSM.

Action

Reboot the MSM. If you see the problem again, contact Technical Support.

Running Configuration Not Saved

NV:Failed configuration save (primary) operation

Software Version

ExtremeWare 6.2 and later

Hardware Version

All

Explanation

The switch failed to save the running configuration to NVRAM.

Action

Informational only. No action needed.

Error Getting Information on Internal Card Slot

```
sendCardRunTimeBackplaneDiagPkt(): Failed to get destination card information from  
card 8 port 26
```

Software Version

ExtremeWare 6.2 and later

Hardware Version

BlackDiamond

Explanation

Error occurred while obtaining the relevant information on internal card slot or port matching the network management controller.

Action

Repeat the task. If the problem persists, reboot the hardware and then run the task.

Run diagnostics to isolate the hardware.

Failed to Delete RIP Route

ripExpireRt: SIOCDELRT (S_errno_EWOULDBLOCK)

Software Version

ExtremeWare 6.0 and later

Hardware Version

All

Explanation

The system failed to delete RIP route from the IP routing table. The RIP route to be deleted is not found in the Kernel routing table.

Action

Verify whether the expired RIP route entry is present in the IP routing table.

If any invalid route entry is present, reboot the switch.

Failed to Delete RIP Route

ripExpireRt: SIOCDELRT (S_objLib_OBJ_TIMEOUT)

Software Version

ExtremeWare 6.0 and later

Hardware Version

All

Explanation

The switch has failed to delete an RIP route entry from the IP routing table. The RIP route to be deleted is not found in the Kernel routing table.

Action

Verify whether the expired RIP route entry is present in the IP routing table.

If any invalid route entry is present, reboot the switch.

Failed to Send IP Datagram

```
ip_output.c 539: ERROR: if_output failed (62).  
source/dest=10.128.132.151/10.128.51.184 gw=10.128.
```

Software Version

ExtremeWare 6.0

Hardware Version

All

Explanation

The switch failed to send an IP datagram to the specified destination.

The system was trying to send the datagram when the interface was inactive.

Or

The system does not contain enough Mbufs.

Action

If you are seeing this for the first time, ignore it. If you see this error frequently, contact Technical Support.

Session Time Out While Reading Register

ERROR: Slot 2 port 16 register d not ready

Software Version

ExtremeWare 6.2 and later

Hardware Version

BlackDiamond

Explanation

The session timed out while the ASIC was trying to read a register on slot 2 on port 16. One reason could be that the card in the slot is not active.

The switch will take the action configured using `sys-health-check`. If you have configured `sys-health-check` to shut down the card, the card is set to non-operational.

Action

Run diagnostics to get the details on the hardware and replace it, if required.

Interface Not Specified for the Route

```
ripValidateKernelRt: No intf for intf rt 172.19.14.0 gw 0.0.0.0
```

Software Version

ExtremeWare 6.0 and later

Hardware Version

All

Explanation

The route from the specified IP address does not have a corresponding interface. The interface details obtained from gateway or interface of a RIP route is NULL.

Action

Verify whether the interface to the gateway is active.

Slave NMC Not Active

```
nmc.c 1013: SLAVE NMC(0) is not alive. Reset SLAVE NMC
```

Software Version

ExtremeWare 6.2 and later

Hardware Version

BlackDiamond

Explanation

Slave network management controller (NMC) is not active. NMC alive status is detected using keep-alive timer expiration.

Action

Hard reset the slave NMC.

No Communication Between MSM-A and MSM-B

nmc.c 1010: 2 master NMCs (8 & 10) in the system. Reset the system

Software Version

ExtremeWare 6.2 and later

Hardware Version

BlackDiamond

Explanation

There is no communication between MSM-A and MSM-B. Both modules try to act as master. By default, MSM-A is the master.

Action

Reboot the system. If the problem persists, contact Technical Support.

Enabling and Disabling Auto Polling: Card Not Active

ERROR: Slot 8 port 21 MII write failed to complete.

Software Version

ExtremeWare 6.2 and later

Hardware Version

BlackDiamond, Alpine

Explanation

While enabling or disabling the auto polling on MAC ASIC, the card in slot 8 was not active. When auto-polling is enabled, MAC ASIC will use MII bus.

The switch will take the action configured using `sys-health-check`. If you have configured `sys-health-check` to shut the card, the card is set to non-operational.

Action

Run diagnostics to get the details on the hardware. Reset the card. If the problem persists, contact Technical Support.

Error Getting Information on Internal NMC Slot

```
card_db.c 2980: getNMCIntPort(): wrong port 65536 for card 5
```

Software Version

ExtremeWare 6.2 and later

Hardware Version

BlackDiamond, Alpine

Explanation

Error occurred while getting the information on the internal network management controller (NMC) slot and port.

Action

Repeat the commands or reset the switch.

Unsupported GBIC

Unsupported GBIC type detected in slot 6 port 1

Software Version

ExtremeWare 6.2 and later

Hardware Version

BlackDiamond, Alpine, and Summit

Explanation

ExtremeWare does not support the GBIC used on port 1 in slot 6.

Action

Use GBICs supported by ExtremeWare. For a list of GBICs supported by ExtremeWare, see release notes.

FDB Memory Test Failed

Quake 1 FDB memory test failed

Software Version

ExtremeWare 6.2 and later

Hardware Version

BlackDiamond, Alpine, and Summit

Explanation

Diagnostics has detected a hardware failure; either through sys-health check or through diagnostics.

Action

Reboot the system. If the problem persists, contact Technical Support.

Internal Links on Card Down

All internal links on card 6 are down,set this card to NON-OPERATIONAL

Software Version

ExtremeWare 7.3 and later

Hardware Version

BlackDiamond

Explanation

The connection between the backplane or MSM and I/O module is broken.

Action

Reset or hotswap the card. If the problem persists, contact Technical Support.

Unsupported Card

Card 1 is unsupported. Please check if you need to upgrade ExtremeWare

Software Version

ExtremeWare 7.3 and later

Hardware Version

BlackDiamond, Alpine, and Summit

Explanation

ExtremeWare does not support the module connected to slot 1.

Action

Upgrade ExtremeWare or contact Technical Support.

Cannot Read Temperature

Cannot read temperature

Software Version

ExtremeWare 6.2 and later

Hardware Version

All

Explanation

The switch was not able to read the temperature.

Action

Reboot the system. If the problem occurs again, contact Technical Support.

No Card in Slot

```
card.c 603: cardSM_BLANK(1): Invalid event(3).
```

Software Version

ExtremeWare 6.2 and later

Hardware Version

BlackDiamond, Alpine

Explanation

You are trying to operate a slot without a module.

Action

Verify whether the module is inserted correctly.

IPDA SUBNET Lookup: FDB Registration Failed

ERROR: IPDA SUBNET Lookup FDB registration failure

Software Version

- ExtremeWare 7.3 and later for “i” series
- ExtremeWare 7.5 and later for “e” series

Hardware Version

All

Explanation

This message indicates that ExtremeWare has failed to register IP Destination Address (IPDA) subnet with the switch.

Action

Reboot the switch. If the problem occurs again, contact Technical Support.

Unsupported Access-Profile Attribute

```
"Invalid Attrib in Alist %s.\n",alist->name
```

Software Version

ExtremeWare 7.3 and later

Hardware Version

BlackDiamond, Summit, Alpine, "i" series, "e" series

Explanation

This message indicates that ExtremeWare does not support the specific access-profile attribute.

Action

- 1 Get the access-profile name given in the log.
- 1 Delete the access-profile with the access-profile name given in the log.
- 2 Create the access-profile.

OTP Block Allocation Failed; Cannot Create Bridge

ERROR: Bridge create failed due to OTP block allocation failure (%d)

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

This message indicates that system was unable to allocate an OTP block for the new VLAN on a slot.

Action

Informational only. No action needed.

Cannot Create Bridge

ERROR: Bridge create failed (%x)

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

This message indicates that the maximum possible number of VLANs have already been created on the switch.

Action

Informational only. No action needed.

pifValidQ: Invalid Port Number

pifValidQ: Invalid portNum %d

Software Version

ExtremeWare 7.3 and later

Hardware Version

All "i" series

Explanation

This message indicates that ExtremeWare is trying to access a port interface with an invalid port number.

Action

Reboot the switch. If the problem occurs again, contact Technical Support.

Semaphore Initialization Failed for QoS Port

semMInit failed for Port QOS

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

This message indicates that ExtremeWare was not able to create a semaphore for the QoS port.

Action

Reboot the switch. If the problem occurs again, contact Technical Support.

Unsupported Access-Profile Type

```
"%s:Type %d in Alist %s, Not Valid.\n", 1563  
__FUNCTION__,alist->type,alist->name
```

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

This message indicates that ExtremeWare does not support the particular access-profile type.

Action

- 1 Get the access-profile name from the log.
- 2 Delete the access-profile.
- 3 Create the access-profile.

Invalid Option

Invalid option <value> to <function name>

Software Version

ExtremeWare 7.3 and later

Hardware Version

Altitude 350, Altitude 350-2, and Summit WM series

Explanation

The message indicates that a set request failed on one of the object IDs.

Action

Confirm that the you have configured the correct set request.

SNMP Request Returned Error

`addSNMPRequest for SNMP_extremeAPMACFilterDot1pValue returned error`

Software Version

ExtremeWare 7.3 and later

Hardware Version

Altitude 350, Altitude 350-2, and Summit WM series

Explanation

The message indicates that a get or set request for the object APMACFilterDot1pValue Failed. Either the object ID (OID) specified was wrong or there was an internal software error.

Action

Check the OID generated in the get or set request.

SNMP Request for AP MAC Filter Status Returned Error

`addSNMPRequest for SNMP_extremeAPMACFilterStatus returned error`

Software Version

ExtremeWare 7.3 and later

Hardware Version

Altitude 350, Altitude 350-2, and Summit WM series

Explanation

This message indicates that a get or set request for the object APMACFilterStatus failed. Either the object ID (OID) specified was wrong or there was an internal software error.

Action

Check the OID generated in the get or set request.

Interface Not Configured as Wireless Interface

This command can be executed only on a LAC", <__FUNCTION__>

Software Version

ExtremeWare 7.3 and later

Hardware Version

Altitude 350, Altitude 350-2, and Summit WM series

Explanation

This message indicates that you are trying to run a command for wireless interface on an interface that is not configured for wireless.

Action

- 1 Verify the interface configuration.
- 2 Confirm that wireless interfaces are specified correctly.
- 3 Retry the command.

Initialization Agent Request Returned Error

`sysObjSetMacFilter:initAgentXRequest` returned error

Software Version

ExtremeWare 7.3 and later

Hardware Version

Altitude 350, Altitude 350-2, and Summit WM series

Explanation

The mac filter allows you to specify a group of MAC addresses. The filter can be applied to one or more ports. You can specify permit or deny action for the filter.

This message indicates that the SNMP agent returned an error in response to a request to create the filter.

Action

- Check whether the SNMP agent is configured correctly.
- Check whether the SNMP agent is responding to other requests.

Send Set Request Returned Error

`sendSetRequest` for <object id> returned error

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The message indicates that the SNMP agent returned an error during a set request. The error could be due to one of the following reasons:

- The Read-Write Community string is incorrect or not configured.
- The Object ID is not found.

Action

- 1 Verify the Read-Write community string is set properly.
- 2 Check whether the object ID, of the object being set, is correct.
- 3 Retry the command.

Ping Initialization Agent Request Returned Error

`sysObjTestPingControl:initAgentXRequest` returned error

Software Version

ExtremeWare 7.3 and later

Hardware Version

Altitude 350, Altitude 350-2, and Summit WM series

Explanation

The MAC Filter allows you to specify a group of MAC addresses. The filter can be applied to one or more ports. You can specify permit or deny action for the filter.

The message indicates that the SNMP agent returned an error for a request to create the MAC filter.

Action

- Check whether the SNMP agent is configured correctly.
- Check whether the SNMP agent is responding to other requests.

STP Port: Memory Allocation Failed

- Could not malloc gselectedStpPortPtr
- Could not malloc gselectedStpPortPtr->portNum

Software Version

ExtremeWare 7.4 and later

Hardware Version

All

Explanation

The message indicates that the system is out of memory.

Action

- 1 Reboot the system.
- 2 Check whether the problem persists.
- 3 If the problem persists, contact Technical Support.

No Physical Interface

ERROR no phys ifc card=%d ptag=%x

Software Version

ExtremeWare 7.3

Hardware Version

All

Explanation

The message indicates that the switch has received the physical interface information as NULL when it tried to send a packet to the interface.

Action

Verify the configuration.

Platform Not Supported

Platform is not supported YET!

Software Version

ExtremeWare 7.3

Hardware Version

All

Explanation

ExtremeWare does not support the platform.

Action

Informational only. No action needed.

Skipping Bridge Learning

bridgeLearning called for unauthenticated Netlogin Wireless client %m

Software Version

ExtremeWare 7.3 and later

Hardware Version

Summit 300-24, Summit 300-48, Summit 400-24p, Alpine

Explanation

This message indicates that the switch is skipping the bridge learning because it is called for unauthenticated wireless client.

Action

Informational only. No action needed.

Invalid Card Type for Slot

Invalid card type=%d for slot=%d

Software Version

ExtremeWare 7.3

Hardware Version

All

Explanation

The message indicates that the card type specified is not valid for the selected slot.

Action

Verify the configuration.

Invalid Switch Card

Invalid switch card=%d

Software Version

ExtremeWare 7.3

Hardware Version

All

Explanation

The message indicates that the switch has received an invalid card number when it tried to send a packet.

Action

Verify the configuration.

TFTP Initialization Errors

- tftpModeSet failed
- tftpGet failed
- tftpQuit failed
- tftpPeerSet failed

Software Version

ExtremeWare 7.3

Hardware Version

All

Explanation

These messages indicates that there was an error while initializing TFTP.

Action

- Verify the TFTP configuration.
- Check the network connectivity.

Insufficient Instance Object ID

- ExtremePethMainPse get: Insufficient instance OID
- pethMainPse set: Insufficient instance OID
- ExtremePethPsePort set: Insufficient instance OID
- ExtremePethPseSlot set: Insufficient instance OID
- extremePethPortPse get: Insufficient instance OID
- ExtremePethPseSlot set: Insufficient instance OID

Software Version

ExtremeWare 7.4 and later

Hardware Version

All

Explanation

These messages indicate that there was insufficient instance OID for the request.

- ExtremePethMainPse get: Insufficient instance OID—The SNMP get request for the extremePeth MIB scalars is given with insufficient OIDs
- pethMainPse set: Insufficient instance OID—The SNMP set request for the extremePeth MIB scalars is given with insufficient OIDs.
- ExtremePethPsePort set: Insufficient instance OID—The SNMP get request for the extremePethPsePortTable object is given with insufficient OIDs.
- ExtremePethPseSlot set: Insufficient instance OID—The SNMP set request for the extremePethPsePortTable object is given with insufficient OIDs.
- extremePethPortPse get: Insufficient instance OID—The SNMP set request for the extremePethPseSlotTable object is given with insufficient OIDs.
- ExtremePethPseSlot set: Insufficient instance OID—The SNMP set request for the extremePethPseSlotTable object is given with insufficient OIDs.

Action

Provide the full management information base (MIB) object ID for setting the values.

Empty STP Packet

Bad parameter - NULL mbuf

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The message indicates that the incoming STP packet is NULL or empty.

Action

- 1 Capture the incoming STP BPDU and analyze the fields. A packet is not copied from port hardware to system CPU.
- 2 Reboot the switch.
- 3 Continue monitoring the switch.

STP Packets with Incorrect Version Number

Invalid/unknown BPDU "version 0x%x type 0x%x"

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

Incoming STP packets carry wrong version number.

Action

- 1 Capture the incoming STP BPDU and analyze the fields.
- 2 Check the STP configuration of the neighbor switches.

STP BPDU Does Not Match with Port Mode

BPDU mismatch on STP Domain", "%s (received %s, expected %s"

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The message indicates that the incoming STP BPDU does not match the configured port mode.

Action

- 1 Capture the incoming STP BPDU and analyze the fields.
- 2 Check STP ports configured encapsulation mode.

Cannot Delete STP Domain

Cannot delete local STP domain

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The message indicates that you are trying to delete the default STP domain (S0) through SNMP or VISTA.

Action

You can ignore this message. You cannot delete the default STP domain.

Large STP Packets

- "Malformed packet - bad length", "(0x%x)"
- Malformed packet - incorrect length

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

These messages indicate that the incoming STP packet size is greater than the packet size supported by the switch.

Action

- 1 Capture the incoming STP BPDU and analyze the fields.
- 2 If the packet is corrupted, check the interface status.

DVMRP Interface Creation Failed

extDvmrpAddIf: Cicuit creation failed

Software Version

ExtremeWare 7.3 and later

Hardware Version

All “i” series and Summit “e” series

Explanation

This message indicates that the switch failed to create Distance Vector Multicast Routing Protocol (DVMRP) interface. This would mainly occur when the memory allocation for the DVMRP circuit fails.

Action

Delete some of the DVMRP interfaces and retry.

DVMRP Task: Invalid Message Type

dvmrpTask: Invalid msg type <msg type>

Software Version

ExtremeWare 7.3 and later

Hardware Version

All “i” series and Summit “e” series

Explanation

The message indicates that the switch has received a message on the DVMRP message queue, but the message is not of a DVMRP (Distance Vector Multicast Routing Protocol) timer tic or a DVMRP packet type.

Action

Informational only. No action needed.

Linking or Adding Timer Node to Timer List Failed

<Task name> suspending in <Function name in which this error occurred> working on
<pointer to the head of timer list> <pointer to the timer node>

Software Version

ExtremeWare 7.3 and later

Hardware Version

All “i” series and Summit “e” series

Explanation

This message indicates that the switch has failed to link or add the timer node to the timer list.

Action

Informational only. No action needed.

DVMRP Initialization: Task Spawn Failed

extDvmrpInit: taskSpawn failed

Software Version

ExtremeWare 7.3 and later

Hardware Version

All “i” series and Summit “e” series

Explanation

The message indicates that the switch failed to spawn the DVMRP (Distance Vector Multicast Routing Protocol) task.

This error could occur:

- During system initialization, if DVMRP is already enabled.
- While enabling DVMRP after system initialization.

Action

- 1 Disable and enable DVMRP
- 2 Restart the switch.

DVMRP Initialization: Cannot Allocate Packet Memory

extDvmrpInit: Cannot allocate packet memory

Software Version

ExtremeWare 7.3 and later

Hardware Version

All “i” series and Summit “e” series

Explanation

This message indicates that the switch failed to allocate memory for the incoming packet while initializing the DVMRP (Distance Vector Multicast Routing Protocol) module.

Action

Restart the switch.

DVMRP Initialization: Watchdog timer Creation Failed

extDvmrpInit: wdCreate failed

Software Version

ExtremeWare 7.3 and later

Hardware Version

All “i” series and Summit “e” series

Explanation

This message indicates that the watch dog timer failed during DVMRP (Distance Vector Multicast Routing Protocol) module initialization.

Action

Restart the switch.

DVMRP Initialization: Queue Creation Failed

extDvmrpInit: QCreate failed

Software Version

ExtremeWare 7.3 and later

Hardware Version

All “i” series and Summit “e” series

Explanation

This message indicates that the switch failed to create the DVMRP (Distance Vector Multicast Routing Protocol) message queue while initializing the DVMRP module.

Action

Reboot the switch.

DVMRP Initialization Failed

extDvmrpInit: Init failed

Software Version

ExtremeWare 7.3 and later

Hardware Version

All “i” series and Summit “e” series

Explanation

The message indicates that the switch failed to initialize the DVMRP. Usually this error will not occur.

Action

Informational only. No action needed.

Bridge Create Failed

ERROR: Bridge create failed (%x)

Software Version

ExtremeWare 7.3 and later

Hardware Version

All “i” series, “e” series, BlackDiamond, Summit, Alpine

Explanation

This message indicates that ExtremeWare tried to create a vlan with an invalid instance while restoring the configuration.

Action

Reboot the switch.

If the problem appears again, contact Technical support.

Memory Allocation for Bridge Failed

Bridge malloc failed (%x)

Software Version

ExtremeWare 7.3 and later

Hardware Version

All "i" series, "e" series, BlackDiamond, Summit, Alpine

Explanation

The message indicates that the switch failed to allocate memory for the bridge data structures.

Action

Reboot the switch.

If the problem appears again, contact Technical support.

Renaming System Defined VLAN Failed

Cannot rename system defined VLAN (Default)\

Software Version

ExtremeWare 7.3 and later

Hardware Version

All "i" series, "e" series, BlackDiamond, Summit, Alpine

Explanation

The message indicates that you are trying to rename the default VLAN. You cannot rename the default VLAN.

Action

Informational only. No action needed.

Invalid STPID for Bridge

Invalid configured stpdId %d for bridge

Software Version

ExtremeWare 7.3 and later

Hardware Version

All "i" series, "e" series, BlackDiamond, Summit, Alpine

Explanation

The message indicates that the switch tried to restore a VLAN configuration with an invalid STP instance.

Action

- 1 Download the Configuration.
- 2 Reboot the switch.
- 3 If problem appears again, contact Technical Support.

Configuring Hardware Queue Before Initializing Cards

```
pifDefaultQCfg: Invalid configuration. numSlices=0
```

Software Version

ExtremeWare 7.3 and later

Hardware Version

All “i” series, “e” series, BlackDiamond, Summit, Alpine

Explanation

This message indicates an error in configuring the number of packet buffers per hardware queue. This may be because the switch tried to configure the hardware queues before the cards were initialized completely.

Action

If you see the message repeatedly, restart the switch.

If the error appears after restarting the switch, contact Technical Support.

Memory Allocation for Port/VLAN Flush Mask Failed

Unable to malloc port/vlan flush mask

Software Version

ExtremeWare 7.3 and later

Hardware Version

All "i" series, "e" series, BlackDiamond, Summit, Alpine

Explanation

This message indicates that the switch failed to allocate memory for Port/VLAN flush mask.

Action

Reduce the memory requirements and retry the command.

Failed to Take Semaphore to Read Port QoS Statistics

Semtake failed for bg task card %d with error %x

Software Version

ExtremeWare 7.3 and later

Hardware Version

All “i” series, “e” series, BlackDiamond, Summit, Alpine

Explanation

This message indicates that switch failed to take the semaphore to read port QoS statistics.

Action

If you see the message repeatedly, reboot the switch.

If the error appears after restarting the switch, contact Technical Support.

VLAN Translation Flush Mask: Memory Allocation Failed

Unable to malloc vlan translation flush mask

Software Version

ExtremeWare 7.3 and later

Hardware Version

All "i" series, "e" series, BlackDiamond, Summit, Alpine

Explanation

This message indicates that the switch failed to allocate memory for VLAN translation flush mask.

Action

Reduce the memory requirements and retry the command.

Security Profile Not Found

Could not find security profile with index <i> on interface <n>

Software Version

ExtremeWare 7.3 and later

Hardware Version

Altitude 350, Altitude 350-2, and Summit WM series

Explanation

This message indicates that the security profile for the MAC group was not configured or the profile was not configured correctly.

The MAC filter allows you to specify a group of MAC address. You can associate a security profile to each profile.

Action

Check whether the security profile is configured correctly.

SNMP Agent Not Found

No AgentX request for MFE_FLAGS

Software Version

ExtremeWare 7.3 and later

Hardware Version

Altitude 350, Altitude 350-2, and Summit WM series

Explanation

The message indicates that the SNMP agent was not found, during a setRequest to the object.

The mac filter feature allows you to specify a group of MAC addresses. The filter can be applied to one or more ports and permit or deny action can be specified for the filter. You need to assign a Flag (dummy or isSecure) for each Filter.

Action

- 1 Check whether the SNMP agent is configured properly.
- 2 Check whether the SNMP agent responds to other requests.

Adding SNMP Request for APMAC Filter MAC Failed

`addSNMPRequest for SNMP_extremeAPMACFilterMAC returned error`

Software Version

ExtremeWare 7.3 and later

Hardware Version

Altitude 350, Altitude 350-2, and Summit WM series

Explanation

This message indicates that the SNMP agent returned an error while trying to create a filter.

The MAC filter feature allows you to specify a group of MAC addresses. You can apply filter to one or more ports and specify permit or deny action to each filter.

Action

- 1 Check whether the SNMP agent is configured correctly.
- 2 Check whether the agent is responding to other requests.

MAC Ping Address: Wrong Format

AgentXGet for extremeAPMACPingDestAddr returned <x> bytes, expected 48 bytes

Software Version

ExtremeWare 7.3 and later

Hardware Version

Altitude 350, Altitude 350-2, and Summit WM series

Explanation

The message indicates that the MAC ping address was not formatted correctly in the SNMP request or response.

Action

- 1 Check the SNMP request.
- 2 Retry the command.

addSNMPRequest Returned Error

`addSNMPRequest for SNMP_extremeWirelessInterfaceMacDefaultDot1p returned error`

Software Version

ExtremeWare 7.3 and later

Hardware Version

Altitude 350, Altitude 350-2, and Summit WM series

Explanation

The message indicates that the SNMP agent returned an error for a request to create the object `WirelessInterfaceMacDefaultDot1p`.

The MAC filter feature allows you to specify a group of MAC addresses. You can apply filter to one or more ports and specify permit or deny action to each filter. You need to assign a dot1p value for each filter for each MAC address entry.

Action

- 1 Check whether the SNMP agent is configured correctly.
- 2 Check whether the SNMP agent responds to other requests.

Error Creating SNMP Request for Create Ping

`createPing:initAgentXRequest returned error`

Software Version

ExtremeWare 7.3 and later

Hardware Version

Altitude 350, Altitude 350-2, and Summit WM series

Explanation

The message indicates that the switch encountered an error while creating the SNMP request for the `createPing` function.

Action

- 1 Check whether the SNMP agent is configured correctly.
- 2 Check whether the agent responds to other requests.
- 3 Check the object ID of the requested object.

AP Returned Non-existent VLAN ID

AP returned a non-existent VLAN id

Software Version

ExtremeWare 7.3 and later

Hardware Version

Altitude 350, Altitude 350-2, and Summit WM series

Explanation

The message indicates that the VLAN ID, specified in the GetRequest or Response, was not found on the switch.

Action

- 1 Check the SNMP Request and Response.
- 2 Verify the VLAN Configuration on the switch and make sure you have configured the VLAN and have enabled it.

Card Not Supported

<Erro:SYST> Card <cardno> is unsupported. Please check if you need to upgrade ExtremeWare

Software Version

ExtremeWare 7.3

Hardware Version

BlackDiamond

Explanation

The message indicates that the ExtremeWare version running on the switch does not support the card.

Action

- 1 Upgrade ExtremeWare.
- 2 If the error appears again, contact Technical Support.

Card SEM Received Invalid Event

<Erro:SYST> cardSM_BLANK(<cardno>): Invalid event(<event>)

Software Version

ExtremeWare 7.3

Hardware Version

BlackDiamond

Explanation

The message indicates that the card SEM received an invalid event in the given state. This may be due to timing restrictions.

Action

Contact Technical Support.

Configuration: Card Type Not Allowed

<Erro:SYST> Card <cardno> Type=<cardtype> not allowed in this configuration

Software Version

ExtremeWare 7.3

Hardware Version

BlackDiamond

Explanation

The message indicates that the given card cannot be used on the particular slot because the configuration is invalid for the switch.

Action

Contact Technical Support.

Failed to Read Card EEPROM

<Crit:SYST> Failed to read card %d EEPROM

Software Version

ExtremeWare 7.4

Hardware Version

BlackDiamond

Explanation

The message indicates the system failed to read the EEPROM on the card.

Action

- 1 Disable and Enable the card.
- 2 If the problem exists, reboot the system.
- 3 If the error appears again, contact Technical Support.

Quake Register: Read Failed

<Crit:SYST> Card <cardno>: Quake RX PBUS DEAD. Count <count>

Software Version

ExtremeWare 7.3

Hardware Version

BlackDiamond

Explanation

The message indicates that the system failed to read a Quake register.

Action

- 1 Disable and Enable the card.
- 2 If the problem exists, reboot the system.
- 3 If the error appears again, contact Technical Support.

Card SEM Received Invalid Event

<Error:SYST> cardSM_PRESTART(<slotno>): Invalid event(<event>)

Software Version

ExtremeWare 7.3

Hardware Version

BlackDiamond

Explanation

The message indicates that the card SEM received an invalid event in the given state. This may be due to timing restrictions.

Action

Contact Technical Support.

Could Not Allocate Memory

- Could not malloc gipCfgOptionsPtr
- Could not malloc gipCfgOptionsPtr->vlanName
- Could not malloc gselectedDvmrpVlansPtr->vlanName
- Could not malloc gselectedDvmrpVlansPtr->vlanName[]
- Could not malloc gselectedOspfVlanAreasPtr
- Could not malloc gipCfgOptionsPtr->vlanName[]

Software Version

ExtremeWare 7.3, ExtremeWare 7.4, ExtremeWare 7.5

Hardware Version

All

Explanation

The message indicates that the switch is running out of memory and the switch was not able to allocate memory of the task.

Action

Reboot the switch. Check whether the problem exists.

If the problem appears again, contact Technical Support.

Cloning OID Failed

Could not clone the OID

Software Version

ExtremeWare 7.3, ExtremeWare 7.4, ExtremeWare 7.5

Hardware Version

All

Explanation

The message indicates that the OID cloning has failed.

When the switch receives an SNMP Get Next Request, it tries to allocate memory for individual OIDs for cloning the request. The OID cloning may fail if the switch does not have enough memory.

Action

Reboot the switch.

Cloning varbinds Failed

Could not clone varbinds

Software Version

ExtremeWare 7.3, ExtremeWare 7.4, ExtremeWare 7.5

Hardware Version

All

Explanation

The message indicates that the switch failed to clone varbinds.

When the switch receives an SNMP Get Request, it tries to allocate memory for cloning the request. The cloning may fail if the switch does not have enough memory.

Action

Reboot the switch.

Error Updating FDB

```
null pif ? exit! 0
```

Software Version

ExtremeWare 7.3

Hardware Version

All “i” series and “e” series

Explanation

The message indicates that the switch encountered an error while updating the FDB on a port for which mirroring is enabled.

Action

Reboot the switch.

If error still persists, contact Technical Support.

Deleting STP Instance Failed

Delete STP instance %d failed. ERR=%d

Software Version

ExtremeWare 7.3, ExtremeWare 7.4, ExtremeWare 7.5

Hardware Version

All

Explanation

The message indicates that the switch failed to delete the STP domain.

Action

Restart the switch and try again.

Creating STP Domain Failed

Create STP domain '%s' failed. ERR=%d

Software Version

ExtremeWare 7.3, ExtremeWare 7.4, ExtremeWare 7.5

Hardware Version

All

Explanation

The message indicates that the switch failed to create the STP domain.

Action

Restart the switch and try again.

Enabling VRRP On Interface Failed

Cannot enable vrrp on interface

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

This message indicates that the switch failed to enable VRRP on the interface.

Action

- 1 Restart the switch.
- 2 Confirm that the switch has license for VRRP.

If the problem appears again, contact Technical Support.

Invalid RTIF Instance

Invalid rtifInstance <instance> at vrrpAddRtif

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

This message indicates that there was an internal error in the instance assigned to a Virtual Router.

Action

Contact Technical Support.

IP Output Returned Error

`ip_output returned error`

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The message indicates that an error was generated at layer 3.

Action

- 1 Check the logs for details.
- 2 Check the IP statistics to verify whether packets are being dropped.

If the problem appears again, contact Technical Support.

VLANS Share Same Broadcast Domain

`vlan` <name> and <name> share the same broadcast domain.

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

This error is displayed while associating a virtual router with a VLAN.

The message indicates that the broadcast domain you are trying to configure is already being used by another VLAN.

Action

Change the broadcast domain and retry the command.

No Buffers For Multicast Options

vrrp_transmit: No mbufs for multicast options

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

This message indicates that the switch failed to get buffers to transmit VRRP packets. This may be a temporary situation due to heavy traffic.

Action

Check the logs.

If problem appears even under reduced traffic conditions, contact Technical Support.

Reading Card Hardware Database Failed

<Erro:SYST> Card <cardno> Type=<Card Type> cannot obtain card HW database

Software Version

ExtremeWare 7.3

Hardware Version

BlackDiamond

Explanation

The message indicates that the switch failed to read the card hardware database.

Action

- 1 Disable and enable the card.
- 2 If the problem appears again, restart the switch.

If the error appears even after restarting the switch, contact Technical Support

Dagnostics On Card Failed

<Erro:SYST> Card <cardno> failed diagnostics (diag-result)

Software Version

ExtremeWare 7.3

Hardware Version

BlackDiamond

Explanation

The message indicates that the diagnostics failed on the card. The card will be moved to Failed state.

Action

Disable and enable the card.

If the error appears again, contact Technical Support.

Card Inserted While Slot Was Disabled

```
<Info:SYST> Card <cardno> (type=<card type>) is inserted while slot in disabled state
```

Software Version

ExtremeWare 7.3

Hardware Version

BlackDiamond

Explanation

The message indicates that the card was inserted while the user had administratively disabled the slot. The card will be active only after the user enables the slot.

Action

Informational only. No action needed.

Reading From Card EEPROM Failed

<Erro:SYST> Card <cardno> already had Hardware Failure - set to Fail state

Software Version

ExtremeWare 7.3

Hardware Version

BlackDiamond

Explanation

The message indicates that the switch failed to read the card EEPROM and the card is being placed in Failed state.

Action

Disable and enable the card.

If the error appears again, contact Technical Support.

Card Type Not Compatible

<Erro:SYST> Card <cardno> type=<cardtype> is not compatible with card <cardno>
type=<cardtype>

Software Version

ExtremeWare 7.3

Hardware Version

BlackDiamond

Explanation

The message indicates that the types of cards present in the system are incompatible with the card type configured for the slot. This may happen if there are NP SAK cards in the system and the actual card types do not match.

Action

Contact Technical Support.

IPDA Subnet Lookup Feature Enabled

```
<Summ:KERN> cardSM_START: NP card = <cardno> Conflicts with IPDA SUBNET Lookup
```

```
<Summ:KERN> Disable IPDA SUBNET Lookup to use NP card [cardno]
```

Software Version

ExtremeWare 7.3

Hardware Version

BlackDiamond

Explanation

The message indicates that the IPDA subnet lookup feature is enabled on a system with NP cards.

Action

Disable the IPDA Subnet lookup feature.

Or

Remove the NP cards.

Vectors Mismatch

<Erro:SYST> Vectors Mismatch, rejecting the card <cardno>, type <cardtype>

Software Version

ExtremeWare 7.4

Hardware Version

All “e” series

Explanation

The message indicates that the operational parameters of the members in the stack does not match. Operational parameters include license information, software versions, and platform type.

Action

Contact Technical Support.

STPD Parameters in Vista: Memory Allocation Errors

- Could not malloc gselectedStpdParamsPtr
- Could not malloc gselectedStpdVlansPtr
- Could not malloc gselectedStpdVlansPtr->vlanName[]
- Could not malloc gselectedStpdVlansPtr->vlanName
- Could not malloc gselectedUncfgStpdPtr

Software Version

ExtremeWare 7.4, ExtremeWare 7.5

Hardware Version

All

Explanation

The message indicates that the switch failed to allocate memory for the task.

Action

- 1 Restart the switch.
- 2 Check whether the problem appears again.
- 3 If the problem appears again, contact Technical Support.

Loading Boot Load Image Failed

ERROR: BootROM cannot boot load image

Software Version

ExtremeWare 7.5

Hardware Version

BlackDiamond

Explanation

The message indicates that the BootROM was not able to load the selected image.

Action

Please upgrade to version 1.0.30.0 or later.

If the problem appears again, contact Technical Support.

Getting Destination Card Failed

```
sendCardRunTimeBackplaneDiagPkt(): Failed to get destination card information from  
card %d port %d
```

Software Version

ExtremeWare 7.5

Hardware Version

BlackDiamond

Explanation

The message indicates that the switch failed to get the destination card details while running the back plane diagnostics.

Action

Reboot the system and try the diagnostics test again.

If problem appears again, contact Technical Support.

Invalid EEPROM Device Number

Invalid EEPROM device number %d

Software Version

ExtremeWare 7.5

Hardware Version

BlackDiamond

Explanation

The message indicates that the switch received an Invalid EEPROM device number.

Action

Restart the switch.

If problem appears again, contact Technical Support.

User Account Out Of Range

User account instance %d out of range

Software Version

ExtremeWare 7.5

Hardware Version

All

Explanation

The message indicates that you are configuring more user account instances than the maximum allowed. You can configure a maximum of 16 user account instances.

Action

Informational only. No action needed.

If the error appears again, contact Technical Support.

ARP Entry Not Found

CANNOT FIND ARP ENTRY FOR %I

Software Version

ExtremeWare 7.3

Hardware Version

All

Explanation

The message indicates that the switch was not able to find the ARP (Address Resolution Protocol) entry for the destination IP address while trying to send out an MPLS encapsulated packet over the wire.

Action

Informational only. No action needed.

Adding Bogus Memory Block

```
ERROR: attempting to manually add bogus memory block %p (%x bytes) back to system  
memory pool!
```

Software Version

ExtremeWare 7.3

Hardware Version

BlackDiamond

Explanation

This message indicates that the switch is trying to add bogus memory block to the memory pool.

Action

Informational only. No action needed.

Allocating Memory Buffer Failed

- Couldn't Alloc Mbuf#2
- Unable to get mbuf#1 chain

Software Version

ExtremeWare 7.3

Hardware Version

All

Explanation

The message indicates that the switch failed to allocate required memory buffer while trying to send out an MPLS encapsulated packet over the wire.

Action

Informational only. No action needed.

Log Filter: Same Match Parameter

ERROR: log filter - Same match parameter type specified more than once. Note that parameters on the same 'configure' command are logically AND'ed together. Use multiple 'configure' commands for logical OR, such as to match MAC address X -or- MAC address Y

Software Version

ExtremeWare 7.3, ExtremeWare 7.4, ExtremeWare 7.5

Hardware Version

All

Explanation

This message indicates that you are using the same parameter more than once. While configuring the log filters, you cannot use the same parameter more than once.

For details on creating log filters, see section Event Management System and Logging in ExtremeWare User Guide Chapter 10 "Status Monitoring and Statistics".

Action

Use unique parameters for each configuration.

Log Filter: Accepting Factory Default Failed

ERROR: log filter could not accept the factory default item

Software Version

ExtremeWare 7.3, ExtremeWare 7.4, ExtremeWare 7.5

Hardware Version

All

Explanation

This message indicates that the switch does not have enough memory to reset the factory default settings.

You can unconfigure the log filters you have configured. When you unconfigure the log filter, the factory default settings are restored.

Action

Restart the switch.

If the error appears again contact Technical Support.

Deleting Log Filter Failed

ERROR: log filter is required and cannot be deleted

Software Version

ExtremeWare 7.3, ExtremeWare 7.4, ExtremeWare 7.5

Hardware Version

All

Explanation

You can delete a log filter by entering the name of the filter.

The message indicates that the switch does not contain a log filter with the name you have specified.

Action

Informational only. No action needed.

Log Filters: Maximum Configured

ERROR: log filter cannot be added. Maximum already configured

Software Version

ExtremeWare 7.3, ExtremeWare 7.4, ExtremeWare 7.5

Hardware Version

All

Explanation

The message indicates that the you have already configured the maximum number of log filters on the switch.

You can configure a maximum of 20 filters.

Action

Informational only. No action needed.

Deleting Log Filter Failed

ERROR: log filter cannot be deleted, since it has associated log targets

Software Version

ExtremeWare 7.3, ExtremeWare 7.4, ExtremeWare 7.5

Hardware Version

BlackDiamond

Explanation

This message indicates that you cannot delete the log filter. The log filter is in use and has log targets associated with it.

Action

Informational only. No action needed.

Log Filter: Cannot Copy Completely

ERROR: log filter could not be copied completely, insufficient memory

Software Version

ExtremeWare 7.3, ExtremeWare 7.4, ExtremeWare 7.5

Hardware Version

All

Explanation

You can create log filters by copying the characteristics of an existing log filter.

This message indicates that the switch does not have enough memory to copy the log filter.

Action

Restart the switch.

Modifying Log Filter Failed

ERROR: log filter cannot be modified, insufficient memory

Software Version

ExtremeWare 7.3, ExtremeWare 7.4, ExtremeWare 7.5

Hardware Version

All

Explanation

The message indicates that the switch failed to modify the log filter. This could be due to insufficient memory.

Action

Restart the switch.

If the problem appears again, contact Technical Support.

Log Filter Does Not Exist

ERROR: log filter does not exist, cannot copy

Software Version

ExtremeWare 7.3, ExtremeWare 7.4, ExtremeWare 7.5

Hardware Version

All

Explanation

You can create log filters by copying the characteristics of an existing log filter. This message indicates that you are trying to copy a log filter that does not exist on the switch.

Action

Informational only. No action needed.

Log Filter Does Not Exist

ERROR: log filter does not exist

Software Version

ExtremeWare 7.3, ExtremeWare 7.4, ExtremeWare 7.5

Hardware Version

All

Explanation

You can see the log filter by providing the name of the log filter. This message indicates that you have entered the name of the log filter that does not exist on the switch.

Action

Informational only. No action needed.

Log Filter Exceeds Maximum Length

ERROR: log filter exceeds maximum length

Software Version

ExtremeWare 7.3, ExtremeWare 7.4, ExtremeWare 7.5

Hardware Version

All

Explanation

This message indicates that the filename used in the log filter command contains more than 32 characters.

Action

Use a name that contains less than 32 characters.

Permanent Entry With MAC Not Found

```
fdbAddPortToPermEntry: Could not find permanent entry with MAC <mac-address> vlanId  
<vlan-id>
```

Software Version

ExtremeWare 7.3

Hardware Version

All “i” series and “e” series switches

Explanation

The message indicates that the switch failed to find the permanent FDB entry while trying to add a port to the permanent FDB entry.

Action

Contact Technical Support.

FDB: Port Already In Permanent Entry Table

```
fdbAddPortToPermEntry: Port <port-no> already in perm entry <mac-address> vlan  
<vlan-id>
```

Software Version

ExtremeWare 7.3

Hardware Version

All “i” series and “e” series switches

Explanation

The message appears when you add a new port to the permanent FDB entry.

The message indicates that the port indicated by the port number is already a member of the FDB entry represented by the MAC address and the vlan ID.

Action

Contact Technical Support.

FDB Ageing Time Too Large

`fdbSetAgeingTime: value <val> too large`

Software Version

ExtremeWare 7.3

Hardware Version

All “i” series and “e” series switches

Explanation

This message indicates that the FDB ageing was configured with an invalid value.

Action

Contact Technical Support.

MAC FDB Refresh: Null ARP

```
macFdbRefresh: arp is null!
```

Software Version

ExtremeWare 7.3

Hardware Version

All “i” series and “e” series switches

Explanation

The message indicates that the switch encountered an error while deleting IP ARP entries. This can occur if the associated FDB entry is removed.

Action

Contact Technical Support.

Invalid ARP Entry

```
macFdbArp: invalid arp entry <ip-address>!
```

Software Version

ExtremeWare 7.3

Hardware Version

All “i” series and “e” series switches

Explanation

The message indicates that the switch encountered an error while deleting IP ARP entries. This can occur if the associated FDB entry is removed.

Action

Contact Technical Support.

Delete Invalid ARP

```
macFdbRefresh: delete invalid arp <ip-address>!
```

Software Version

ExtremeWare 7.3

Hardware Version

All “i” series and “e” series switches

Explanation

The message indicates that the switch encountered an error while deleting IP ARP entries. This can occur if the associated FDB entry is removed.

Action

Contact Technical Support.

Failed to Allocate SSH Eloop Event

Out of memory allocating ssh_eloop_event_rec

Software Version

ExtremeWare 7.3, ExtremeWare 7.4, ExtremeWare 7.5

Hardware Version

All

Explanation

The message indicates that the switch does not have enough memory to allocate to SSH eloop event.

Action

Restart the switch. Verify whether the problem exists.

If the problem appears again, contact Technical Support.

Error Allocating Global Head List

Problems allocating head_list global

Software Version

ExtremeWare 7.3, ExtremeWare 7.4, ExtremeWare 7.5

Hardware Version

All

Explanation

The message indicates that the switch does not have enough memory to allocate to the global head_list task.

Action

Restart the switch. Verify whether the problem persists.

If the problem appears again, contact Technical Support.

Allocating SSH Debug Globals Failed

Out of memory allocating ssh_debug_globals

Software Version

ExtremeWare 7.3, ExtremeWare 7.4, ExtremeWare 7.5

Hardware Version

All

Explanation

The message indicates that the switch does not have enough memory to allocate to the SSH global debug task.

Action

Restart the switch. Verify whether the problem exists.

If the problem appears again, contact Technical Support.

Allocating Memory Failed

ERROR: real_ssh_xmalloc: out of memory (allocating %ld bytes)

Software Version

ExtremeWare 7.3, ExtremeWare 7.4, ExtremeWare 7.5

Hardware Version

All

Explanation

The message indicates that the switch does not have enough memory to allocate to the task.

Action

Restart the switch. Verify whether the problem exists.

If the problem appears again, contact Technical Support.

Allocating Memory for SSH Failed

Out of memory allocating ssh_dlp_param_list global

Software Version

ExtremeWare 7.3, ExtremeWare 7.4, ExtremeWare 7.5

Hardware Version

All

Explanation

The message indicates that the switch does not have enough memory to allocate to the ssh_dlp_param_list task.

Action

Restart the switch. Verify whether the problem exists.

If the problem appears again, contact Technical Support.

Virtual Router ID Not Found

BAD instance for vrid <id> at GM_VRRP_DELETE

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The message indicates that the switch could not find the virtual router id specified, while trying to delete a VRRP instance.

Action

Verify the configuration.

See the virtual router configuration and make sure that you are using the correct id.

Virtual Router Instance Not Found

`vrrp table-inst not configured yet`

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The message indicates that the while a parameter—such as priority—was being set, the switch failed to find the corresponding virtual router instance.

Action

Verify whether the virtual router instance exists. Retry the command.

Null Interface

Interface is NULL at vrrp_rtifVrid2Ptr, rtif=<Router Interface> vrid=<Id>

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The message indicates a wrong configuration in the virtual router configuration, or an Internal error.

Action

- 1 Verify the Virtual router configuration.
- 2 Retry the command.
- 3 If the problem appears again, please contact Tech Support.

VRRP Message: Message Queue Receive Error

VrrpMsgTask: msgQReceive returned error <errno>

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The message indicates an internal error generated while the inter-process message system cannot deliver a message.

Action

No action needed. The switch will recover from this error without external intervention.

Sending DNS Server Configuration to APs Failed

Could not send DNS server configuration to APs. See logs for details.

Software Version

ExtremeWare 7.3 and later

Hardware Version

Cards that support wireless ports; such as, the Altitude 350, Summit WM100, Summit WM1000

Explanation

This message indicates that the switch failed to send the DNS server information to the access points (AP).

Action

Make sure the required ports are online.

Verify the logs for details.

Allocating Memory for Clients Failed

Unable to allocate memory for <num> clients

Software Version

ExtremeWare 7.3 and later

Hardware Version

Cards that support wireless ports; such as, the Altitude 350, Summit WM100, Summit WM1000

Explanation

This message is displayed when an SNMP command is issued to get some client data. The message indicates that the switch failed to allocate enough memory to store the client data.

The memory scarcity could be due to heavy traffic directed to CPU.

Action

Retry after some time.

Diffserv Examination: Resources Not Enough

ERROR: not enough resources to enable diffserv examination on ports specified

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

This message appears while enabling DiffServ examination on all ports.

DiffServ examination use 64 rules per port. On Summit 200 and Summit 300 switches, 256 rules are shared among a block of eight 10/100 ports. For each block of 8 ports you can enable a maximum of 3 ports of DiffServ examination. Even though 4 ports can use 256 rules, you can configure only 3 ports per block of 8 because the ExtremeWare system rules use some of the 256 rules.

Action

For each block of 8 ports you can enable a maximum of 3 ports for DiffServ examination.

SSHD: Exec Command Not Supported

sshd: exec not supported: "show tech"

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

This message indicates that you are trying to connect to the switch using SSH and to run the execute command "show tech".

ExtremeWare does not support the exec command.

Action

Informational only. No action needed.

Shared Port Not a Ring Port in EAPS Domain

EAPS Shared-port 1:1 - Shared-port not a ring port in EAPS domain DOM1

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

This message indicates that the shared port is not a primary or secondary port in the EAPS domain. To configure the port as a shared port in ESD (EAPS super domain), the port should be either a primary port or a secondary port in the EAPS domain.

Action

Configure the shared port as a primary or a secondary port in the eaps domain.

Allocating Memory for Bridge Failed

EAPS Shared-port 1:1 - Out of memory. Cannot malloc bridge structure

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

The message indicates that the switch failed to allocate memory for the bridge structure.

Action

Check the available memory on the system using `show memory` command.

Restart the switch.

Adding VLAN Failed

EAPS Shared-port 1:1 - Could not add vlan %s

Software Version

ExtremeWare 7.2 and later

Hardware Version

All “i” series

Explanation

The message indicates that the ESD (EAPS super domain) failed to add the VLAN to the shared port domain.

Action

Delete the ESD domain and create the domain again.

Check the memory available on the switch.

Deleting VLAN Failed

EAPS Shared-port 1:1 - Cannot delete vlan %s. ESD-bridge value is NULL

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

This message indicates that the VLAN you are trying to delete does not exist in the ESD (EAPS super domain).

This could be due wrong configuration or the vlan has already been removed from the ESD.

Action

Informational only. No action needed.

Adding Bridge Interface for Segment Port Failed

EAPS Shared-port 1:1 - Cannot add bridge interface for segment port 2:1. Segment interface value is NULL

Software Version

ExtremeWare 7.2 and later

Hardware Version

All “i” series

Explanation

This message indicates that the ESD (EAPS super domain) does not have the interface for the segment port.

Action

Delete the port from EAPS and add it again.

If the problem appears again, delete and create the shared port ESD.

Adding Bridge Interface for VLAN Failed

EAPS Shared-port 1:1 - Cannot add bridge interface for vlan %s. Bridge interface value is NULL

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

This message indicates that the ESD (EAPS super domain) does not have the interface for the bridge.

Action

Delete the vlan from the EAPS and add it again.

If the problem appears again, delete and create the shared port ESD.

Deleting Bridge Interface for Port Failed

EAPS Shared-port 1:1 - Cannot delete bridge interface for port %P. Value is NULL

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

This message indicates that the ESD (EAPS super domain) does not have the interface for the given segment port.

Action

Informational only. No action needed.

Deleting Bridge Interface for VLAN Failed

EAPS Shared-port 1:1 - Cannot delete bridge interface for vlan %s. Value is NULL

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

This message indicates that the ESD (EAPS super domain) does not have the interface for the bridge.

Action

Informational only. No action needed.

Adding Segment Port Interface Failed

EAPS Shared-port 1:1 - Could not add segment port interface

Software Version

ExtremeWare 7.2 and later

Hardware Version

All “i” series

Explanation

This message indicates that the ESD (EAPS super domain) does not exist for the passed ESD instance.

Action

- 1 Check the ESD configuration.
- 2 Create the ESD instance.

Control VLAN Interface Not Found

EAPS Shared-port 1:1 - Could not find Control Vlan interface for EAPSD DOM1

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

This message indicates that the EAPS is having the details of control vlan in its configuration, but the control vlan does not exist.

ESD (EAPS super domain) shared port domains points to EAPS domain running on the shared and segment ports. These ports are part of control vlan in EAPS domain. ESD is checking whether the control vlan is present in the system.

Action

Recreate the vlan and attach to EAPS domain.

Or

Recreate the eaps domain.

Unknown Port State

EAPS Shared-port 1:1 - Unknown port state (%d)

Software Version

ExtremeWare 7.2 and later

Hardware Version

All “i” series

Explanation

Controller in ESD shared port can be in BLOCKING, PREFORWARDING, IDLE, or READY state.

The message indicates that the controller is in a state other than any of these states.

Action

Disable ESD and Enable

Or

Delete and create the ESD.

EAPS Domain Segment Interface Not Found

EAPS Shared-port 1:1 - Could not find EAPS domain %s segment interface

Software Version

ExtremeWare 7.2 and later

Hardware Version

Version

Explanation

The message indicates that the switch could not find the EAPS domain on the segment interface. Non shared ports are considered as the segment port for the ESD and the segment port will be associated to the EAPS Domain.

Action

Delete the shared port and create it again. Now the ESD will automatically consider the non-shared ports as segment port.

Removing Segment Port Interface Failed

EAPS Shared-port 1:1 - Error in removing segment-port interface for EAPSD %s

Software Version

ExtremeWare 7.2 and later

Hardware Version

All “i” series

Explanation

This message indicates that ESD (EAPS super domain) does not exist for the passed ESD instance.

Action

Verify the ESD configuration.

EAPSD Domain Part of Another ESD Instance

EAPSD DOM1 - Already part of another ESD instance

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

The message indicates that the EAPS domain is already part of another ESD. EAPS domain can never be part of two shared port domains (ESD).

Action

Reconfigure the EAPS and ESD domains.

Invalid Port Type

EAPSD DOM1 - Invalid port type (%d)

Software Version

ExtremeWare 7.2 and later

Hardware Version

All “i” series

Explanation

The message indicates that the port is neither a primary port nor a secondary port in EAPS domain.

Action

Delete the port and create it again.

Shared-port Instance Out of Range

EAPS Shared-port instance (%d) out of range

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

This message indicates that you are trying to create more than allowed number of shared port instance. You can create a maximum of two shared port instances on a switch.

Action

Before creating a new shared port, check the number of shared ports on the switch.

ESD Controller in Wrong State

EAPS Shared-port 1:1 - State should not have been %s

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

The message indicates the state of the ESD (EAPS super domain) controller.

The controller should not be in blocking or pre-forwarding when the shared port is removed or when the mode is changed.

Action

Make sure that the ESD is in proper state before changing the mode or deleting it.

Cannot Set Port

EAPS Shared-port 1:1 - Already up. Cannot set port 1:1

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

The message indicates that you cannot configure a new port.

You cannot configure a new port when the ESD is in UP state.

Action

- 1 Delete the shared port.
- 2 Configure new ports as shared port.

Cannot Stop Domain

EAPS Shared-port 1:1 - Error in stopping domain

Software Version

ExtremeWare 7.2 and later

Hardware Version

All “i” series

Explanation

This message indicates that you are trying to delete an ESD that is in UP state.

You cannot delete an ESD when it is active.

Action

- 1 Disable the ESD.
- 2 Delete the ESD

Invalid ESD Instance: Cannot Set the Mode

Could not set the mode. Invalid ESD instance %d

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

This message indicates the ESD instance you have entered is not a valid ESD instance.

You cannot set the mode to partner or controller.

Action

- 1 Check number of ESD instance exist in the system. You can create a maximum of 2 ESD instance on a switch.
- 2 Delete the ESD instance that and create the ESD instance again.

Invalid ESD Instance: Cannot Set the Link ID

Could not set the link-id. Invalid ESD instance %d

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

This message indicates that the ESD (EAPS super domain) instance entered is not a valid ESD instance.

You can set the link-id only if the ESD instance is valid.

Action

- 1 Check number of ESD instance exist in the system. You can create a maximum of 2 ESD instance on a switch.
- 2 Delete the ESD instance that and create the ESD instance again.

Invalid ESD Instance: Cannot Set Shared Port Timeout

Could not set the shared-port-timeout. Invalid ESD instance %d

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

This message indicates that the ESD (EAPS super domain) instance entered is not a valid ESD instance.

You can set the shared-port-timeout only if the ESD instance is valid.

Action

- 1 Check number of ESD instance exist in the system. You can create a maximum of 2 ESD instance on a switch.
- 2 Delete the ESD instance that and create the ESD instance again.

Invalid ESD Instance: Cannot Set Segment Timeout

Could not set the segment-timeout. Invalid ESD instance %d

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

This message indicates that the ESD (EAPS super domain) instance entered is not a valid ESD instance.

You can set the segment-timeout only if the ESD instance is valid.

Action

- 1 Check number of ESD instance exist in the system. You can create a maximum of 2 ESD instance on a switch.
- 2 Delete the ESD instance that and create the ESD instance again.

Setting Segment-Timeout Expiry Action Failed

Could not set the segment-timeout Expiry Action. Invalid ESD instance %d

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

This message indicates that the ESD (EAPS super domain) instance entered is not a valid ESD instance.

You can set the segment-timeout expiry action only if the ESD instance is valid.

Action

- 1 Check number of ESD instance exist in the system. You can create a maximum of 2 ESD instances on a switch.
- 2 Delete the ESD instance that and create the ESD instance again.

Shared Port Domain Instance Out of Range

EAPS Shared-port Domain instance (%d) out of range

Software Version

ExtremeWare 7.2 and later

Hardware Version

All “i” series

Explanation

This message indicates that the ESD (EAPS super domain) shared-port domain instance is out of range.

Action

- 1 Check number of ESD instance exist in the system. You can create a maximum of 2 ESD instance on a switch.
- 2 Delete the ESD instance that and create the ESD instance again.

No Shared Port Domain

EAPS Shared-port domain does not exist for instance %d

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

The message indicates that the ESD Shared-port domain does not exist for the instance.

Action

- 1 Check number of ESD instance exist in the system. You can create a maximum of 2 ESD instance on a switch.
- 2 Delete the ESD instance that and create the ESD instance again.

Invalid ESD Instance

Invalid ESD instance

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

The message indicates that the switch has received an ESD (EAPS super domain) PDU but the ESD does not exist.

Action

- 1 Check number of ESD instance exist in the system. You can create a maximum of 2 ESD instance on a switch.
- 2 Delete the ESD instance that and create the ESD instance again.

Unknown Root-blocker State

EAPS Shared-port 1:1 - Root-blocker-state is unknown (%d)

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

The message indicates that the root blocker is in a state not known to the switch.

The root-blocker can be in any of the following states:

- False
- Active
- Inactive

Action

Check the Root-blocker state.

Segment-port Not Found

EAPS Shared-port 1:1 - Cannot find segment-port for port (%P)

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

The message indicates that the ESD (EAPS super domain) is in blocking state and the ESD PDU is received on segment port. This indicates that while checking the PDU, the segment port for the shared port in the ESD does not exist.

Action

Check whether the segment ports are part of the EAPS domain. If the segment ports are not part of the domain, add the ports to the EAPS domain.

Shared Port State Unknown

EAPS Shared-port 1:1 - State is unknown (%d)

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

The message indicates that the share port is in an unknown state.

The valid states are idle, ready, preforwarding, and blocking.

Action

Delete the shared port.

Add it again to the ESD (EAPS super domain), then check the state of the ESD.

Controller Mode for a Partner Event

EAPS Shared-port 1:1 - Mode is Controller in a Partner event

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

This message indicates that the ESD (EAPS super domain) is in partner mode.

In the normal condition, this message will not appear. Before starting the partner event handling, the ESD is moved to partner mode.

Action

Informational only. No action needed.

Wrong Event for ESD Partner

EAPS Shared-port 1:1 - Partner should not be getting event Esd-Ev-Seg-RingUp

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

The message indicates that the ESD (EAPS super domain) partner is getting an event that should not have been delivered to the ESD partner.

ESD partner can handle shared port up, shared port down, segment up, and segment down events only.

Action

Check the configured mode of ESD.

Unknown Event

EAPS Shared-port 1:1 - Event is unknown (%d)

Software Version

ExtremeWare 7.2 and later

Hardware Version

All “i” series

Explanation

The message indicates that the ESD (EAPS super domain) is in partner mode and has encountered an unknown event.

The valid events are:

- Shared down
- Shared up
- Segment down
- Segment up
- Segment ring up

Action

Check the state of the partner and verify the incoming ESD PDU.

Segment and Bridge Interface Status

EAPS Shared-port 1:1 - Segment-port 2:1. Segment status %s, Bridge-interface status %s

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

This error appears in any of the following scenarios:

- During a segment down event; the controller and the segment is in blocking mode, and the bridge interface status is in non-blocking.
- During a segment down event; the controller is in blocking mode, segment status is UP, the bridge interface status is unknown, but the physical link is UP.

Action

- 1 Check the bridge status in ESD (EAPS super domain).
- 2 Disable and enable the shared port.

Wrong Bridge-Interface Status

EAPS Shared-port 1:1 - Segment port 2:1. Bridge-interface status should not have been %s

Software Version

ExtremeWare 7.2 and later

Hardware Version

All “i” series

Explanation

The message indicates that the bridge-interface is in a wrong state. This could happen during a segment up event, if the controller is in blocking mode; segment status is down, and the bridge interface status is in blocking state.

Action

- 1 Check the bridge status in ESD (EAPS super domain).
- 2 Disable and enable the shared port.

Wrong Bridge-Interface State

EAPS Shared-port 1:1 - Segment-port interface 2:1, vlan %s, should not have bridge-interface in state %s

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

The message indicates that the VLAN has got a bridge-interface in wrong state. This happens when the segment up event occur and the controller is in blocking mode; the segment status is blocking; and the bridge interface status is not in blocking or active open.

Action

- 1 Check the bridge status in ESD (EAPS super domain).
- 2 Disable and enable the shared port.

Bridge Interface Status

EAPS Shared-port 1:1: Segment 2:1 status is %s. Bridge-interface status is already %s

Software Version

ExtremeWare 7.2 and later

Hardware Version

All “i” series

Explanation

The message indicates that the bridge interface is already in down state; but the switch is trying to move the bridge interface from open state to blocked state.

This might occur in the controller, if the segment was down, and the port has moved to down state.

Action

- 1 Check the bridge status in ESD.
- 2 Disable and enable the shared port.

Wrong Bridge Interface Status

EAPS Shared-port 1:1: Segment 2:1 status is %s. Bridge-interface status is %s. Should have been %s

Software Version

ExtremeWare 7.2 and later

Hardware Version

All “i” series

Explanation

The message indicates that the bridge interface is in blocked, active open, or unknown state; instead of being in open state.

This might occur in the controller, if the segment was down and the port state has moved to down.

Action

- 1 Check the bridge status in ESD.
- 2 Disable and enable the shared port.

Unknown Segment-port State

EAPS Shared-port 1:1 - Segment-port 2:1 state unknown (%d)

Software Version

ExtremeWare 7.2 and later

Hardware Version

All “i” series

Explanation

This message indicates that in the controller, the segment status is in an unknown state.

The known segment statuses are:

- Segment Up
- Segment Down
- Blocking UP
- Blocking Down

Action

- 1 Check the bridge status in ESD (EAPS super domain).
- 2 Disable and enable the shared port.

ESD Controller Domain in Ready State

EAPS Shared-port 1:1: State is %s. Shared-port status is %s. Should have been %s

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

The message indicates that the ESD (EAPS super domain) controller domain is in ready state and the share port is not in segment up state while the switch processed the shared port up event.

Action

- 1 Check the status of ESD domain
- 2 Check the status of the shared port.
- 3 Disable and enable shared port.

Partner Mode in a Controller Event

EAPS Shared-port 1:1 - Mode is Partner in a Controller event

Software Version

ExtremeWare 7.2 and later

Hardware Version

All “i” series

Explanation

This message indicates that the mode is partner in a controller event. Before starting the controller event-handling function, the switch confirms that the ESD (EAPS super domain) is in controller mode.

Action

Informational only. No action needed.

EAPSD: Error In Stopping the Domain

EAPS: EAPSD eaps2a - Error in stopping the domain

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" and "e" series

Explanation

The message appears when you disable or delete the EAPS domain.

Action

Create the EAPS domain again.

EAPSD: Error In Stopping All Domains

EAPS: EAPSD eaps2a - Error in stopping all domains

Software Version

ExtremeWare 7.2 and later

Hardware Version

All “i” and “e” series

Explanation

This message appears when you disable or delete all EAPS domains configured on the switch.

Action

Create the EAPS domain again.

EAPSD: Error in Unbinding Protected VLAN

EAPS: EAPSD eaps1a - Error in unbinding vlan emistp2a, type Protected Vlan, from all EAPS domains.

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" and "e" series

Explanation

This message indicates that you have removed the protected VLAN from all EAPS domains.

If you try to delete the VLAN that is configured as a protected VLAN in EAPS domain, the bridge is removed from the domain before removing the bridge from the switch.

Action

- 1 Check whether the VLAN is a part of the EAPS domain.
- 2 Delete VLAN or delete the EAPS domain.
- 3 Create the EAPS domain again.

EAPS Shared-port: Stopping the Domain Failed

EAPS Shared-port 1:1 - After setting mode, problem in stopping the domain

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

This message indicates that the EAPS domains were not removed or unbound from the ESD domain.

ESD (EAPS Shared Port domain) mode can be configured as Partner or Controller.

While configuring the partner, if the ESD is running, the ESD domain is stopped before changing the mode of the ESD.

Action

- Confirm that there is no link between ESD and EAPS when the ESD is stopped.
- Confirm that the EAPS domains are attached to ESD automatically when EAPS domains are enabled.
- Changing the mode will disable the ESD and restart the EAPS domain when the mode change is complete. If the problem appears again reconfigure the EAPS and ESD domains.

EAPS Shared-port: Unbinding from L2 Domains Failed

EAPS Shared-port 1:1 - Error in unbinding from L2 domains

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

This message indicates that the EAPS domains were not removed or unbound from the ESD domain.

ESD (EAPS Shared Port domain) mode can be configured as Partner or Controller.

While configuring the partner, if the ESD is running, the ESD domain is stopped before changing the mode of the ESD.

Action

- Confirm that there is no link between ESD and EAPS when the ESD is stopped.
- Confirm that the EAPS domains are attached to ESD automatically when EAPS domains are enabled.
- Changing the mode will disable the ESD and restart the EAPS domain when the mode change is complete. If the problem appears again reconfigure the EAPS and ESD domains.

EAPS Shared-port: Disabling the Domain Failed

EAPSD Dom1 - Error in disabling the domain

Software Version

ExtremeWare 7.2 and later

Hardware Version

All “i” and “e” series

Explanation

This message indicates that the EAPS domain was not stopped while trying to disable the EAPS domain.

Action

- 1 Delete the EAPS domain
- 2 Create the domain again.

Upgrading Bootloader Failed

- Upgrade bootloader failed. Unknown file type
- Upgrade bootloader failed. Checksum failed
- Upgrade bootloader failed. Filetype mismatch detected
- bootloader upgrade failed. TFTP failed : Unknown host
- bootloader upgrade failed. TFTP failed : Server not reachable
- bootloader upgrade failed. TFTP failed : File not found
- bootloader upgrade failed. TFTP failed : General Error
- bootloader upgrade failed. Memory allocation from TFTP failed

Software Version

ExtremeWare 7.7

Hardware Version

All

Explanation

These message indicates that upgrading the bootloader failed because of one of the following reasons:

- Unknown file type—Upgrading bootloader while AP is in online state fails because the file type configured is unknown.
- Checksum failed—Upgrading bootloader while AP is in online state fails because of checksum failure.
- Filetype mismatch detected—Upgrading bootloader while AP is in online state fails because of filetype mismatch.
- TFTP failed : Unknown host—Upgrading bootloader while AP is in online state fails because of TFTP failure. TFTP server is unknown.
- TFTP failed : Server not reachable—Upgrading bootloader while AP is in online state fails because of TFTP failure. TFTP server not reachable.
- TFTP failed : File not found—Upgrading bootloader while AP is in online state fails because of TFTP failure. File not found in the server.
- TFTP failed : General Error—Upgrading bootloader while AP is in online state fails because of general TFTP protocol failure.
- Memory allocation from TFTP failed—Upgrading bootloader while AP is in online state fails because of low memory in the system.

Action

If the Upgrade Bootstrap/bootloader failed due to...		Then...
Unknown file type		Configure the correct filetype.
Checksum failed		Check the network and retry the upgrade again.
Filetype mismatch detected		Configure the correct filetype.
TFTP failed : Unknown host		Configure the correct server name.
TFTP failed : Server not reachable		Check the configuration and network connectivity.
TFTP failed : File not found		Check the configuration.
TFTP failed : General Error		Check the server and the network connection. Then try to upgrade.
Memory allocation from TFTP failed		Retry after sometime.

Upgrading Bootloader Failed

Bootloader upgrade failed. Failed to open primary bootloader file.

Software Version

ExtremeWare 7.7

Hardware Version

All

Explanation

This message indicates that the bootloader upgrade failed because the switch failed to open the primary bootloader.

Action

Retry. If the problem appears again, contact Technical Support.

Bootloader Header Update Failed

Bootloader header update failed.

Software Version

ExtremeWare 7.7

Hardware Version

All

Explanation

This message indicates that the bootloader upgrade failed because the switch failed to update the bootloader header.

Action

Retry. If the problem appears again, contact Technical Support.

Reboot Loop Detected For Back-up MSM

Reboot loop detected for back-up MSM. Shutting down backup MSM

Software Version

ExtremeWare 7.7

Hardware Version

All

Explanation

This message indicates that the switch has shutdown the back-up MSM because the switch has detected a reboot loop.

Action

Upgrade the software in the back-up MSM.

If the problem appears again, contact Technical Support.

No Untagged Port in VLAN

ERROR: No Untagged Port in vlan "vlanName".

Software Version

ExtremeWare 7.8

Hardware Version

All

Explanation

This message indicates that you are trying to configure or unconfigure limit-learning or lock-learning for the untagged ports that are not in the VLAN.

Action

Add ports to the VLAN as untagged and try configuring it.

Memory Threshold Limit

ERROR: Memory Threshold limit must be between 0 and 100.

Software Version

ExtremeWare 7.8

Hardware Version

All

Explanation

This message indicates that you are trying to configure memory-monitoring threshold limit with a value that is not in the range of valid limits.

Action

Configure the memory-monitoring threshold with a value between 0 and 100.

Trap Interval Value

ERROR: Trap Interval must be between 180 and 360 seconds

Software Version

ExtremeWare 7.8

Hardware Version

All

Explanation

This message indicates that you are trying to configure memory-monitoring trap interval with out-of-range value.

Action

Configure the memory-monitoring trap interval with the range 180-360.

Unable to Configure VLAN "Mgmt"

ERROR: vlan "Mgmt" cannot be configured

Software Version

ExtremeWare 7.8

Hardware Version

All

Explanation

The messages indicates that you are trying to configure or unconfigure limit-learning or lock-learning for Management VLAN.

You cannot configure limit-learning or lock-learning for the management VLAN.

Action

None.

Unable to Monitor Management VLAN

ERROR: vlan "Mgmt" cannot be monitored

Software Version

ExtremeWare 7.8

Hardware Version

All

Explanation

This message indicates that you are trying to configure or unconfigure management VLAN to monitor. You cannot configure or unconfigure management VLAN to monitor.

Action

None.

Cloning Attributes of an Inactive User

ERROR : You cannot clone Attributes of an inactive user.

Software Version

ExtremeWare 7.8

Hardware Version

All

Explanation

This message indicates that you are trying to clone the existing user attributes from an inactive user to the new SNMPv3.

Action

Try to clone the new SNMPv3 user from an existing and active SNMPv3 user.

Adding User to an Inactive Group

ERROR : Group "admin" is not active. Add user to an active group.

Software Version

ExtremeWare 7.8

Hardware Version

All

Explanation

This message indicates that you are trying to add new SNMPv3 user to the default group that is inactive.

Action

Try to add the new SNMPv3 user to the active group.

SNMPv3 Access Disabled

ERROR: SNMPv3 access not enabled

Software Version

ExtremeWare 7.8

Hardware Version

All

Explanation

You cannot enable SNMPv3 default-user or default-group access while the SNMPv3 access is disabled.

Action

Enable SNMPv3 access before enabling the SNMPv3 default-user or default-group access.

Could Not Add L3 Entry for Unit

Could not add L3 entry for unit at 0xbff(-6: Table full)

Software Version

ExtremeWare 7.7

Hardware Version

All

Explanation

L3 entries cannot be added to the IP unicast table when the table is full.

0xbff is the last entry of the fdb table and unlike other hash index, the available entries for this entry is 7 and not 8. The 8th entry is used internally (in software). This log is printed as the switch was expecting an 8th entry to be available since the entry is available in hardware.

Action

None.



Warning Messages

Warning messages indicate a possible conflict that might require corrective action.

Check the “Issues Resolved In” sections in the latest *ExtremeWare Installation and Release Notes* to see if the error message indicates an issue that has been corrected in a recent software release.

Access Rule Does Not Exist

```
<WARN:KERN> Access rule does not exist
```

Software Version

ExtremeWare 7.0 and later

Hardware Version

All

Explanation

When you add a new ACL rule with a precedence number, the switch re-orders existing rules with lower precedence numbers to make room for the new rule. During this re-ordering, if two rules have a precedence number difference greater than one, the switch generates an error message similar to this.

Action

You can safely ignore this error message.

ACK Error

Write Address: Didn't get an ack.
Read Command: Didn't get an ack.
Write Command: Didn't get an ack.

Software Version

ExtremeWare 2.x and 4.x

Hardware Version

All

Explanation

These messages indicate that the switch cannot communicate with the GBICs.

Action

Remove and re-insert the GBICs and power cycle the switch.

If this action does not fix the problem, replace the GBICs.

Activate Failed, No PIF

<WARN:STP> stpPortAddToActive: No pif

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the request to mark the STP active failed due to no physical I/f (PIF).

Action

Retry. If it repeatedly fails, contact Technical Support.

Add Port Failed, 802.1D Port Already Active

<WARN:STP> stpPortAddOneToActive: Another dot1d is already active

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that you cannot add the STP port in 802.1D mode to a physical port because another STP port in 1D mode was found.

Only one STP port in 802.1D mode is permitted per physical port.

Action

No action is necessary.

Bad Ethernet Type/Length

<WARN:STP> bpduFilter: Ethertype II frame. Bad type/length "type/length"

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that a bad Ethernet type/length is in the received BPDU.

Action

Check configuration of peer device.

Bad Length for BPDU

<WARN:STP> bpduFilter: Port "x" malformed BPDU

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the received BPDU has a bad length.

Action

Check configuration of peer device.

Bad MAC Read

```
<WARN:PORT> WARNING: Slot 7 Port 2 reg read bad MAC = 4  
<WARN:PORT> WARNING: Slot 8 Port 3 reg read bad MAC = 4
```

Software Version

ExtremeWare 6.1.7 and earlier

Hardware Version

All

Explanation

These messages indicate that an internal software error has occurred.

Action

Upgrade to the latest software.

BlackDiamond Memory Block Already Free

```
<WARN:KERN> tNetTask: Block 4018 on slot 7 is already free
```

Software Version

All ExtremeWare versions

Hardware Version

BlackDiamond

Explanation

This message indicates that a task tried to free a portion of memory that was already free.

Action

Check the behavior of the switch. Use `show log` and `show tech-support` commands to collect information about what happened earlier on the switch. Contact Technical Support to help debug the problem.

ASIC Error

<WARN:PORT> ERROR: Blizzard link up, phy link down

Software Version

All ExtremeWare versions

Hardware Version

All “i” series

Explanation

This message indicates that you had either a very fast or a spurious link transition on a 10/100 port. The transition was so fast that ExtremeWare did not process a link up event.

Action

If the slot:port is indicated in the error message, swap the port to see if the message follows the port or the connection. If it always stays with the port, RMA the module. If you cannot narrow it down to the problem port, contact Technical Support. You can also upgrade to the latest software.

If it appears continuously, contact Technical Support to help you isolate the error to the faulty port.

If it appears occasionally, no action is necessary.

BPDU Mismatch

```
<WARN:STP> bpdFilter: Stpd "name" Port "x" ("mode"<-"format") BPDU mismatch
```

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that an incorrect BPDU encapsulation was received.

Action

Ensure that the proper encapsulation is configured (that is, EMISTP, PVST+, and 802.1d).

Bracket Buffer Full

```
<WARN:SYST> addToBracketBuffer: Bracket buffer full
```

Software Version

ExtremeWare 7.1.1 and later

Hardware Version

BlackDiamond with MSM-3 module

Explanation

This message indicates that the message queue is full on the slave MSM-3 that receives configuration information from the master MSM-3 when Hitless Failover is enabled. This means that some of the configuration was not successfully transferred to the slave MSM-3.

Action

Use the `configure msm-failover slave-config flash` command followed by the `configure msm-failover slave-config inherited` command to recover. These commands clear the receive buffer and causes the configuration information to be resent to the slave.

Bridge ID Not Assigned

<WARN:STP> sysObjTestStpd: Bridge Id mac addr 0

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the management action on STPD is not possible because an STPDID is not assigned.

Action

Configure a valid STPDID.

Btree Insert Failed

<WARN:STP> insertStpPort2Tree: Btree insert failed

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates a Btree insertion failure when adding a port to the port tree.

Action

Retry STP port creation. If it repeatedly fails, contact Technical Support.

Cannot Add VLAN to EAPS

<WARN:EAPS> eaps.c 5063: Warning! Cannot assign vlan "v1" to EAPS "eaps1" interface

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the request to add the VLAN to EAPS as control/protected failed.

Action

Look at syslog or console for other warning messages to determine the cause.

Cannot Allocate Memory for Timer

<WARN:STP> Can not allocate memory for timer buckets

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the system was unable to allocate memory for the timer.

Action

If there are multiple messages, contact Technical Support.

Cannot Find Default VLAN

<WARN:SYST> edpSendBackplaneDiagPkt: Can not find default VLAN

Software Version

ExtremeWare 6.1.x

Hardware Version

All "i" series

Explanation

This message indicates that the default VLAN has been renamed, and as a result the health-check processes failed.

Action

Reboot the switch to reset the configuration with the default VLAN.

Cannot Get Memory Buffer Transaction

<WARN:STP> stpInit: Can't get tx_mbuf

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates an STP initialization error.

Action

Reboot.

Retry STP port creation. If it fails again, contact Technical Support.

Cannot Save Default STPD

<WARN:STP> stpdGenerateDefault: Cannot save default stpd to nv "x"

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that STPD creation failed.

Action

Retry STPD creation. If it repeatedly fails, contact Technical Support.

Cannot Send Card

<WARN:SYST> Cannot send card message(3,7,0x0,0x0). Error=-1 (0xffffffff)

Software Version

ExtremeWare 4.x and 6.x

Hardware Version

All

Explanation

This message indicates that the switch has crashed resulting in the module task exception.

Action

Check for Exception Program Counter (EPC) information in the log prior to the error message. Contact Technical Support to assist you in obtaining switch information for reproduction and resolving the problem.

Cannot Send Health PDU

```
<WARN:EAPS> eaps_runtime.c 2799: Warning! Cannot send Health PDU on startup for "eaps1"
```

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that EAPS has just been enabled, but cannot send out Health-check PDUs.

Action

This warning is most likely due to the system just coming up and the ports are not up, or EDP is still not running. This situation should be resolved automatically in the next few seconds. User intervention should not be required.

Cannot Send nmc

```
<WARN:SYST> Cannot send nmc message(3,10,0x0,0x0). Error=3997698 (0x3d0002)
```

Software Version

ExtremeWare 6.1 and later

Hardware Version

BlackDiamond

Explanation

This message indicates that one MSM64i cannot communicate with the other MSM64i. This is most likely caused by a hardware problem or a seating problem with the MSM64i or an I/O module in the system.

Action

Remove and re-insert the I/O modules. An I/O module can cause communication problems between the MSM64i modules, and between the MSM64i modules and other I/O modules.

If removing and re-inserting the I/O modules does not correct the problem, remove and re-insert the MSM64i modules.

If neither of these actions solve the problem, RMA the MSM64i modules.

card_db.c Module Memory Defect

```
<WARN:SYST> card_db.c 821: Card 2 has nonrecoverable packet memory defect  
<WARN:SYST> card_db.c 832: Card 2 is back online
```

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

Alpine and Summit

Explanation

These messages indicate that the memory mapping feature found memory defects.

During the check, the software allows the switch to work normally with eight or less defects by mapping around the bad sections.

If the software finds eight or more errors, the module remains online according to the default setting.



NOTE

You can check your configuration setting using the `sh sw` command. If `sys health-check` is enabled and is set to `alarm level-log`, you are using the default setting.

Action

Contact Technical Support to troubleshoot the problem.

Card Removed

SYST: card.c 1000: Card 3 (type=2) is removed.

Software Version

All ExtremeWare versions

Hardware Version

BlackDiamond

Explanation

This message indicates that a module has been removed.

Action

No action is necessary.

Checksum Error on MSM and Slot

<WARN:EDP> edpProcessPdu1078: Checksum failed for pdu between MSM-A and slot 1

Software Version

ExtremeWare 6.1.8b12 and later

Hardware Version

BlackDiamond “i” series

Explanation

This message indicates that the checksum on an EDP packet has failed, and the port is internal. MSM A *does not* have an internal PBus error, and slot 1 does not have any PBus internal/external errors or any other CPU packet/CPU diag packet errors.

This implies that the checksum error is induced on transit between MSM A and slot 1.

Action

If this error is seen only once in the log, no action is necessary.

If you are using ExtremeWare 6.2.1 (or earlier), use the `show log` and `show tech-support` commands, capture the output, and contact Technical Support to troubleshoot the problem.

If you are using ExtremeWare 6.2.1 (or later), system health check can be enabled. If the system check is enabled, three consecutive occurrences of the above error triggers automatic recovery of the port or the module. If the software can detect the error it will correct the error. However, if the software is unable to detect the error it will take the module off line.



If you are using ExtremeWare 6.2.1 or later, run the `pktScan` utility to identify and correct the problem.

If you are using ExtremeWare 6.2.2 (or later), you can take the module either offline or keep it online even if automatic recovery fails.

Checksum Error on PDU

```
<WARN:EDP> edpProcessPdu1011: Checksum failed for pdu on port 1:1  
Many others like: bad OUI, bad length, bad SNAP, bad version etc
```

Software Version

ExtremeWare 6.1.8b12 and later

Hardware Version

All “i” series

Explanation

This message indicates that the checksum on an EDP packet fails on an external port.

- **Bad OUI:** Wrong MAC address on ingress (that is, not 0x00E02B)
- **Bad length:** Either EDP packet or EDP packet header is of wrong length
- **Bad version:** Wrong EDP version (>1)
- **Bad snap:** Wrong snap type

Action

If this error is seen only once in the log, no action is necessary.

If you are using ExtremeWare 6.2.1 (or earlier), use the `show log` and `show tech-support` commands, capture the output, and contact Technical Support to troubleshoot the problem.

If you are using ExtremeWare 6.2.1 (or later), system health check can be enabled. If the system check is enabled, three consecutive occurrences of the above error triggers automatic recovery of the port or the module. If the software can detect the error it will correct the error. However, if the software is unable to detect the error it will take the module off line.



NOTE

If you are using ExtremeWare 6.2.1 or later, run the `pktScan` utility to identify and correct the problem.

If you are using ExtremeWare 6.2.2 (or later), you can take the module either offline or keep it online even if automatic recovery fails.

Control VLAN Already Exists

```
<WARN:EAPS> eaps.c 5043: Warning! EAPS "eaps1" cannot have >1 control vlan. Vlan "v1"  
is already controller
```

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the EAPS domain already has a control VLAN.

Action

An EAPS domain cannot have more than one control VLAN added to it.

Control VLAN Not Configured for EAPS Domain

```
<WARN:EAPS> eaps_runtime.c 1198: Warning! Control Vlan not configured for EAPS domain  
"eaps1"
```

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the control VLAN has not been added to the EAPS domain and EAPS PDUs cannot be sent.

Action

Configure the EAPS control VLAN and add it to EAPS.

Create STPD Failed

<WARN:STP> StpdCreate: Bad instance "x"

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the STPD creation task failed.

Action

Retry STPD creation. If it repeatedly fails, contact Technical Support.

Datagram Fragment

<WARN:SYST> DLCS: received datagram fragment - discarding

Software Version

ExtremeWare 4.x, 6.x

Hardware Version

All

Explanation

This message indicates that Extreme Networks does not support IP fragmentation in DLCS.

Action

Check the Maximum Transmission Unit (MTU) size in the network. The hosts or routers on the path might fragment packets. The DHCP server might also specify small MTU size. Make sure that the MTU size is larger than 1000 bytes along the path.

Default Cost Zero for Port

```
<WARN:STP> stpPortCreate: Default cost 0 for port "x"
```

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that a path cost of zero was found while creating the STP port.

Action

Informational only. No action needed.

Delete Failed, EAPS Interface

<WARN:EAPS> eaps.c 5230: Warning! Cannot delete EAPS "eaps1" interface to vlan "v1"

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the request to delete VLAN "v1" from EAPS domain "eaps1" failed.

Action

EAPS task may have become unstable. Contact Technical Support.

Delete Failed, EMISTP Group Address

<WARN:STP> deleteStpFilter: Unable to remove emistp group addr vlan "x" from fdb

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the request to remove a EMISTP group address entry from the FDB failed.

Action

If there are multiple messages, contact Technical Support.

Delete Failed, FDB Entry

<WARN:STP> deleteStpFilter: Unable to remove bridge group addr vlan "x" from fdb

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the request to remove an FDB entry failed.

Action

If there are multiple messages, contact Technical Support.

Delete Failed, Local STPD

<WARN:STP> stpdDelete: Cannot delete local stpd

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the request to delete STPD s0 failed.

Action

It is not permitted to delete s0.

Delete Failed, No PIF

<WARN:STP> stpPortDelFromActive: No pif

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the STP port was not deleted due to a missing physical I/f (PIF).

Action

Retry. If it repeatedly fails, contact Technical Support.

Delete Failed, Port Mismatch

<WARN:STP> stpPortDelOneFromActive: Active untagged stp port mismatch

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the STP port was not deleted due to port mismatch.

Action

Retry. If it repeatedly fails, contact Technical Support.

Diagnostic Failure, Port Invalid Speed

```
<WARN:KERN> pifQBw2PqmBw: Invalid speed 0  
<WARN:DIAG> Port 44 Failed IP Route loop back test  
<WARN:DIAG> Packet received from port 45 rather than from port 44
```

Software Version

ExtremeWare 4.x

Hardware Version

All

Explanation

These messages indicate that the port failed diagnostics; therefore, it is a hardware problem. The invalid speed messages can be from a load-sharing configuration or due to the fact that ExtremeWare could not identify the ports correctly.

Action

Check hardware and replace as necessary.

Diagnostic Failure, Slot

```
<WARN:PORT> MAC Chip of slot 3 port 1 is not ready
<WARN:PORT> init internal receive TOS look-up table failed on slot 3 port 1!
<WARN:PORT> init MAC Id look-up table failed on slot 3 port 1!
<WARN:PORT> init internal App Rec look-up table failed on slot 3 port 1!
<WARN:PORT> init App Cmp internal look-up table failed on slot 3 port 1!
<WARN:PORT> init Vlan Rec look-up table failed on slot 3 port 1!
<WARN:PORT> init Vlan Cmp look-up table failed on slot 3 port 1!
```

Software Version

ExtremeWare 6.1.x

Hardware Version

BlackDiamond

Explanation

These messages indicate a problem in reading the port (port 1 on slot 3) since it can not be initialized.

Action

Run diagnostics. If diagnostics fail, RMA the module.

Domain Already Exists

```
<WARN:EAPS> eaps.c 3797: EAPS Domain "eaps1" already exists. Inst(1)
```

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the attempt to rename an EAPS domain failed because one already exists with that name.

Action

Pick another name to rename the EAPS domain.

Dropped Bytes Condition Clear

<WARN:PORT> Dropped bytes condition clear, port 1:1 queue IQP1, reporting 539072 bytes

Software Version

ExtremeWare 7.2.0 and later

Hardware Version

BlackDiamond and Alpine High-Density Gigabit Ethernet modules (G16X3, G24T3, GM-16X3, and GM-16T3)

Explanation

This message indicates that ingress traffic is no longer being dropped on the indicated port and queue. The previous condition was due either to the configured maximum ingress peak-rate being exceeded or congestion due to excessive traffic on other ports in the same oversubscription group.

Action

Action may not be required because the excessive ingress traffic condition is no longer active. Use the `show port 1:1 ingress stats detail` command to view the measured ingress statistics on all the queues for the selected port (see the *ExtremeWare Command Reference Guide* to understand the output). Use the `show ports <portlist> utilization` command to view the ingress rates on ports in the same oversubscription group to determine if discards are due to oversubscription congestion.

If the discards are due to rate-limiting, use the `config qosprofile ingress` command to alter the peak ingress rates, if desired.

If the discards are due to oversubscription congestion from other ports, consider spreading out the highest traffic ports to different oversubscription groups.

Dropped Bytes Condition Set

<WARN:PORT> Dropped bytes condition set, port 1:1 queue IQP1

Software Version

ExtremeWare 7.2.0 and later

Hardware Version

BlackDiamond and Alpine High-Density Gigabit Ethernet modules (G16X3, G24T3, GM-16X3, and GM-16T3)

Explanation

This message indicates that ingress traffic on the indicated port and queue is being discarded. This is due either to the configured maximum ingress peak-rate being exceeded or congestion due to excessive traffic on other ports in the same oversubscription group.

Action

Use the `show port 1:1 ingress stats detail` command to view the measured ingress statistics on all the queues for the selected port (see the *ExtremeWare Command Reference Guide* to understand the output). Use the `show ports <portlist> utilization` command to view the ingress rates on ports in the same oversubscription group to determine if discards are due to oversubscription congestion.

If the discards are due to rate-limiting, use the `config qosprofile ingress` command to alter the peak ingress rates, if desired.

If the discards are due to oversubscription congestion from other ports, consider spreading out the highest traffic ports to different oversubscription groups.

Duplicate MAC Entry

<WARN:KERN> fdbCreatePermEntry: Duplicate entry found mac 00:40:26:75:06:c9, vlan 4095

Software Version

ExtremeWare 4.1.17b6

Hardware Version

All

Explanation

This message indicates that you added the same permanent MAC address twice.

Action

Delete the duplicate MAC address.

EAPS Task Not Running

<WARN:EAPS> eaps.c 3502: EAPS task is not running

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the EAPS task is not running.

Action

The EAPS task may have become unstable. Contact Technical Support.

EDP Checksum

```
<WARN:EDP> Checksum failed for pdu on port 7:3  
<WARN:EDP> Checksum failed for pdu on port 7:1
```

Software Version

All ExtremeWare versions

Hardware Version

All

Explanation

These messages indicate that a switch has reported EDP checksum errors. This occurs when the switch receives corrupted EDP data on the port. This could be a physical layer issue or a problem with the switch. Contact Technical Support for details of the EDP checksum problem. This will only be observed on ports that have EDP enabled.

Action

Check for port statistics for all ports with EDP errors. Eliminate all possibilities for physical layer issues by checking the receiver, transmitter ports, cables, and connectors.

If no port errors are associated with EDP checksum error, contact Technical Support to isolate the problem.

EDP Not Enabled

<WARN:EAPS> eaps_runtime.c 1188: Warning! EDP not enabled

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the EDP task is not yet enabled.

Action

This message will most likely be seen during bootup, because the EAPS task comes up before the EDP task. After EDP starts running, this message should not appear anymore. If it does, check to make sure EDP is not disabled on any of the ring-ports.

ESRP Enabled

<WARN:STP> stpdEnableStp: ESRP enabled on Bridge "name"

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that there was an attempt to enable both ESRP and STP on a VLAN.

Action

Disable either STP or ESRP for the named VLAN.

ESRP Enabled, Action Not Possible

<WARN:STP> sysObjTestStpd: ESRP enabled on Bridge "name"

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that this action on the STPD is not possible because ESRP is enabled on VLAN.

Action

Disable either STP or ESRP for the named VLAN.

Exceeded Committed-Rate Condition Clear

<WARN:PORT> Exceeded committed-rate condition clear, port 1:1 queue IQP1, reporting 4196 bytes

Software Version

ExtremeWare 7.2.0 and later

Hardware Version

BlackDiamond and Alpine High-Density Gigabit Ethernet modules (G16X3, G24T3, GM-16X3, and GM-16T3)

Explanation

This message indicates that the configured maximum ingress committed-rate is no longer being exceeded for the indicated port and queue. This means that traffic is now coming into the ingress queue at a rate that is guaranteed and will not be dropped during ingress.

Action

Action may not be required because the excessive ingress traffic condition is no longer active. Use the `show port 1:1 ingress stats detail` command to view the measured ingress statistics on all the queues for the selected port (see the *ExtremeWare Command Reference Guide* to understand the output). Use the `config qosprofile ingress` command to alter the committed ingress rates, if desired.

Exceeded Committed-Rate Condition Set

<WARN:PORT> Exceeded committed-rate condition set, port 1:1 queue IQP1

Software Version

ExtremeWare 7.2.0 and later

Hardware Version

BlackDiamond and Alpine High-Density Gigabit Ethernet modules (G16X3, G24T3, GM-16X3, and GM-16T3)

Explanation

This message indicates that the configured maximum ingress committed-rate has been exceeded for the indicated port and queue. This means that traffic is coming into an ingress queue at a faster rate than is guaranteed. This traffic is in danger of being dropped, depending on the ingress rate for other queues on the same port and other ports in the same oversubscription group.

Action

Use the `show port 1:1 ingress stats detail` command to view the measured ingress statistics on all the queues for the selected port (see the *ExtremeWare Command Reference Guide* to understand the output). Use the `config qosprofile ingress` command to alter the committed ingress rates, if desired.

Failed Diagnostic Packet

```
<WARN:SYST> sendCardRunTimeBackplaneDiagPkt(): Failed to send diag pkt from card 10  
port 24
```

Software Version

ExtremeWare 6.1.6b19

Hardware Version

BlackDiamond

Explanation

This message indicates that ExtremeWare failed to send out a health-check diagnostic packet from the module or MSM64i.

Action

Investigate if there was a broadcast storm on the network.

Failed to Obtain Statistics

<WARN:KERN> MP:Failed to obtain stats. (ffffffff)

Software Version

ExtremeWare 6.2.1b25

Hardware Version

Summit5iTX and all switches with the MGMT port

Explanation

This message indicates that ExtremeWare did not get the statistics on the Management port.

Action

If this message occurs once, no action is necessary.

If this message occurs continuously, use on Ethernet port instead of the Management port.

Failed to Receive Message

<WARN:STP> stpTask: msgQReceive returned error

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that msgQReceive failed to receive a message.

Action

If there are multiple messages, contact Technical Support.

FDB Entry Not Found

<WARN:STP> deleteStpFilter: No matching entry for VlanId "x" in fdb

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the FDB entry for the VLAN or STPD is not up.

Action

If there are multiple messages, contact Technical Support.

FDB Error

```
<WARN:KERN> fdbGeneratePtag: Cannot find bif (0xfff,8)
<WARN:KERN> fdbCreatePermEntry: Unable to bind mac 00:40:26:75:06:c9 vlan 4095 to qosP
QP1
```

Software Version

ExtremeWare 4.1.17b6

Hardware Version

Summit24

Explanation

These messages indicate a configuration error. It occurs when something is misconfigured, such as specifying a port that does not belong to a particular VLAN.

Action

Check for any system configuration errors. Use the `show switch` command to provide information to Technical Support to debug the problem.

Free List

```
<WARN:KERN> Trying to put block 19 in free list: out of range  
<WARN:KERN> last message repeated 2 times  
<WARN:KERN> Trying to put block 1f in free list: out of range
```

Software Version

ExtremeWare 6.1.x

Hardware Version

All except VDSL

Explanation

These messages indicate a problem with the hardware tables.

Action

Contact Technical Support to assist you with collecting switch information so that engineers can debug the problem.

GARP Event

```
<WARN:GARP> Event JoinIn with -1 l2ifp (oper 1) msg 0x8658b5f0  
<WARN:GARP> Event LeaveAll with -1 l2ifp (oper 32) msg 0x8658b610
```

Software Version

ExtremeWare 4.1.11b2

Hardware Version

All

Explanation

These messages indicate that a `JoinIn` and a `LeaveAll` event message arrived at the indicated memory addresses. This only occurs if GARP is enabled.

Action

No action is necessary.

Get EEPROM Error

<WARN:STP> stpdCreate: sysObjGetEEPROM returned error "x"

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that STPD creation failed due to an EEPROM error.

Action

Retry STPD creation. If it repeatedly fails, contact Technical Support.

Get Failed, Port Not Found

<WARN:STP> sysObjGetStpPort: stpPort Instance "x" not found

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the management “get” failed because the STP port was not found.

Action

Specify the correct STP port.

Incorrect State

```
<WARN:STP> setPortState: Incorrect state "x"
```

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the request to force a port state failed because the specified state is not legal.

Action

Specify a legal state.

Install STPD Tag Failed, Ignore BPDU Enabled

<WARN:STP> configStpdFilters: Stpd tag is from a brigde that ingores BPDU

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the request to install an FDB entry for BPDU failed because the carrier VLAN has “ignore BPDU” enabled.

Action

Disable “ignore BPDU” for carrier VLAN.

Insufficient Memory, PIF Structure

<WARN:STP> stpPortAddOneToActive: Insufficient memory

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that there was insufficient memory when adding the port to the PIF structure.

Action

Retry STP port creation. If it repeatedly fails, contact Technical Support.

Insufficient Memory, Port Tree

<WARN:STP> insertStpPort2Tree: Insufficient memory

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that there was insufficient memory when adding the port to the port tree.

Action

Retry STP port creation. If it repeatedly fails, contact Technical Support.

Invalid BPDU

<WARN:STP> StpProcessBpdu: Port "x" Invalid "y" Bpdu type "z"

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that there is a bad BPDU type in the received BPDU.

Action

Check the configuration of the peer device.

Invalid BPDU Header

<WARN:STP> decode_bpdu, Port "x", Invalid bpdu header "3 bytes of BPDU"

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that there is a BPDU format error in the received BPDU.

Action

Check the configuration of peer device.

Invalid EAPS Object ID

```
<WARN:EAPS> eaps.c 5660: Warning! Error in nvramObjectGet.
```

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that there is an invalid EAPS object ID when reading the configuration from NVRAM.

Action

You could be using an incorrect software image. Contact Technical Support.

Invalid EAPS-VLAN Object ID

```
<WARN:EAPS> eaps.c 5713: Warning! Error in nvramObjectGet.
```

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that there is an invalid EAPS-Vlan object ID when reading the configuration from NVRAM.

Action

You could be using an incorrect software image. Contact Technical Support.

Invalid PIF for Port

```
<WARN:STP> stpPortChangeVpstState: Invalid pif for port "x" stpPort "y" "old  
state" -> "new state"
```

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that an invalid physical I/F (PIF) was found when setting the VPST state.

Action

If there are multiple messages, contact Technical Support.

Invalid Port Cost

```
<WARN:KERN> pifChangeStpPathCosts: Invalid cost for port 0x8e5b2b50(44)  
<WARN:STP> stpPortDefaultPathCost: Invalid port speed for pif 0x8e5b2b50 port 1:45
```

Software Version

ExtremeWare 6.x

Hardware Version

All “i” series

Explanation

These messages indicate that there is some invalid port information.

Even if STP is not enabled, the STP task still checks all of the port parameters. Therefore, if there are any misconfigured slot or port parameters, you will get this message.

Action

Use the `show slot` command to determine the misconfiguration and correct accordingly.

Invalid Port Speed

```
<WARN:STP> stpPortDefaultPathCost: Invalid port speed for pif "x" port "y"
```

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the path cost could not be calculated due to a bad port speed.

Action

If there are multiple messages, contact Technical Support.

Invalid Secondary Port

<WARN:EAPS> eaps_runtime.c 2009: Warning! Invalid Secondary Port

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the secondary ring-port is not configured.

Action

Configure the secondary ring-port on the EAPS domain.

Invalid Time Values

```
<WARN:STP> decode_bpdu, received time values out of range "max age" "hello time"  
"forward delay"
```

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that there are invalid STP timer values in the received BPDU.

Action

- 1 Capture the incoming STP BPDU and analyze the fields.
- 2 Check the STP timer configuration of the neighbor switches.
- 3 If the values are out of range, then correct the values.

IP FDB Entry

<WARN:IPHS> IP FDB entry not added as no route is available

Software Version

ExtremeWare 6.1.5b20

Hardware Version

All

Explanation

This message indicates that after an ARP resolution the pending packets in ARP are sent out on an unavailable route.

Action

Upgrade to ExtremeWare 6.1.7 or later.

IP Output (Slow Path)

```
<WARN:IPRT> ip_output.c 1039: moption(add): No space for mca ddr.  
(224.0.0.9/150.65.197.1).
```

Software Version

ExtremeWare 4.x

Hardware Version

All

Explanation

This message indicates a possible slow path issue from the IP option processing routine.

Action

Use the `show log` and `show tech-support` commands and contact Technical Support to isolate the slow path problem.

IPX Next Hop Interface

<WARN:IPX> IPX forward: next hop interface = input interface

Software Version

ExtremeWare 6.x

Hardware Version

All

Explanation

This message indicates a misconfiguration of IPX interface numbers.

Action

Use the `show ipxstats` command to determine the VLAN with the highest number of discards.

Attach a sniffer to the VLAN to identify the specific problem. Check the configuration of switches and end-stations.

iQuery Message

```
<WARN:SYS> SLB 3DNS: SlaveProcessRequest: invalid iQuery message  
<WARN:SYS> SLB 3DNS: IQMessageValidate: invalid iQuery message: len 96 failed: crc  
c9fd316a, iqm_checksum b03e
```

Software Version

ExtremeWare 6.x

Hardware Version

All

Explanation

These messages indicate that ExtremeWare supports a previous version of 3DNS (v2.0). The newer versions of 3DNS send an iQuery hello message that the switch does not recognize. The switch then sends an unrecognized message back to 3DNS. This message causes 3DNS to fall back to an older version of the iQuery protocol. The process repeats until both 3DNS and the switch agree on the iQuery protocol version.

If the error message is logged multiple times, it might be due to 3DNS using encryption.



NOTE

The Extreme implementation does not support encryption, so encryption must be disabled on 3DNS.

Action

If the switch and the server are only trying to negotiate a correct version of 3DNS support, then no action is necessary.

If the messages occur multiple times, disable the encryption on the 3DNS box.

Link Down Link Up

<WARN:PORT> ERROR: Slot 2 port 7 link DOWN, mac link up

Software Version

ExtremeWare 6.2.0 and earlier

Hardware version

All except VDSL

Explanation

This message appears during the switch reset time. It indicates that the remote switch might not drop the link.



NOTE

This is a known issue addressed in PR 1-5CIPQ and 13212.

Action

Upgrade to ExtremeWare 6.2.1 or manually unplug and plug the port back in.

This error only occurs on Gigabit Ethernet modules and does not appear after ExtremeWare 6.2.1.

Load Share Trunk Inactive

```
<WARN:BRDG> last message repeated 51 times  
<WARN:BRDG> LRNDROP: LS Trunk inactive port 2
```

Software Version

ExtremeWare 6.x

Hardware Version

All except VDSL

Explanation

These messages indicate that when trying to map the incoming load-sharing port (port 2) to the master port, the master port is not active; therefore, the traffic coming into the port will not be forwarded.

Action

Enable the master port in the load sharing group and re-send the traffic.

If the problem persists, contact Technical Support to isolate the problem.

MAC Chip

```
<WARN:PORT> write content of VlanCmp table index 13 error on slot 2 port 24  
<WARN:PORT> MAC Chip of slot 6 port 18 is not ready  
<WARN:PORT> read content of VlanCmp table index 2 error on 8
```

Software Version

ExtremeWare 6.x

Hardware Version

Alpine and BlackDiamond “i” series

Explanation

These messages indicate that there might be a hardware problem. The I/O modules were not ready to receive packets.

Action

If this occurs within a minute after bringing up the module, no action is necessary.

If not, check the system configuration and hardware, and run diagnostics on the switch. If the error continues to appear, RMA the affected modules.

MAC Type

<WARN:PORT> unknown MAC type on port Mgmt

Software Version

ExtremeWare 6.1.7b2 and earlier

Hardware Version

All

Explanation

This message indicates that you are trying to configure jumbo frames on a port running ExtremeWare 6.1.7b2 or earlier.

Action

Upgrade to the latest software.

Maximum Block Allocation

```
<WARN:HW> tBGTask: Reached maximum otp block allocation for MSM-A  
<WARN:HW> tBGTask: Reached maximum otp block allocation for slot 1
```

Software Version

All ExtremeWare versions

Hardware version

All except VDSL

Explanation

These messages indicate that the system is out of PTAG blocks. This can happen if you configure a large number of multicast groups, VLANs, etc.



NOTE

The system can have a maximum of 6,000 PTAG blocks. Each PTAG can have up to 7 ports; therefore, any configurations that use large amounts of PTAGs can cause these error messages.

Use the `show` or `show igmp snooping vlan <vlan name> detail` commands to verify whether PTAG blocks have depleted.

Action

Contact Technical Support to check the configuration.

msgQSend Message Queue Full

```
<WARN:SYST> hfoDloadDatabases: msgQSend message queue full
```

Software Version

ExtremeWare 7.1.1 and later

Hardware Version

BlackDiamond with MSM-3 module

Explanation

This message indicates that the message queue, which sends configuration information from the master MSM-3 to the slave MSM-3 when Hitless Failover is enabled, is full. This means that some of the configuration did not get successfully transferred to the slave MSM-3.

Action

Use the `save config` command to copy the entire configuration to the slave MSM-3 to insure it is correctly synchronized.

MsgQ Send Error

<WARN:STP> stpTimer: MsgQ send error

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that MsgQ was unable to send message to call timer function.

Action

If there are multiple messages, contact Technical Support.

MSM Module Type Mismatch

Syslog:

```
<Warn:SYST> MSM module type mismatch has been detected.  
<Warn:SYST> This configuration only supported while migrating from MSM64i's to  
MSM-3's.
```

Console (after login):

```
WARNING: An MSM module type mismatch has been detected.  
Slots MSM-A and MSM-B must both contain MSM-3's or MSM64i's.  
This module type mismatch is only supported while migrating from MSM64i's to MSM-3's.  
The MSM-3 features Cross Module Trunking and Hitless Failover will NOT operate in this  
configuration.
```

Software Version

ExtremeWare 7.1.1 and later

Hardware Version

BlackDiamond with MSM-3 and MSM64i modules

Explanation

These messages indicate that an unsupported system configuration has been detected. Both an MSM-3 and MSM64i are present and enabled in the chassis. This configuration is not supported, except during the migration procedure when upgrading from an MSM64i to an MSM-3. Note that the Hitless Failover and Cross Module Trunking features require MSM-3 modules.

Action

If you are migrating from MSM64i to MSM-3, this message is normal and you can continue with the upgrade process. Otherwise, the MSM64i module should be removed and replaced with an MSM-3 to resume normal operation with full capability.

ngRxFirst Failed

```
<WARN:KERN> ngRxFirst failed WTX1 - (2, 0, ffff)
```

Software Version

ExtremeWare 6.1.x

Hardware Version

Alpine and BlackDiamond

Explanation

This message indicates that a module was removed from the slot while the CPU was communicating with it.

Action

If you removed a module, no action is necessary.

If you did not remove a module, and you see this message repeatedly in the log, the hardware might be faulty. Contact Technical Support.

No Associated STPD Port

<WARN:STP> bpduFilter: No associated Stpd Port for "x" vlanId "y"

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the BPDU was received, but no corresponding STPD exists.

Action

Ensure that the STPD is configured and up.

No BIF for VLAN ID

<WARN:STP> bindVlanPortToStpPort: No bif for vlan Id "x" port "y"

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that a bridge I/f (BIF) was not found while binding the VLAN port to the STPD.

Action

Retry the port addition. If it repeatedly fails, contact Technical Support.

No EAPSD-Bridge Links Exist

<WARN:EAPS> eaps.c 5156: Warning! No Eapsd-Bridge links exist

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that there are no VLANs added to EAPS yet.

Action

There are no VLANs to delete from EAPS domain.

No Matching FDB Entry

<WARN:STP> deleteStpFilter: No matching emistp entry for VlanId "x" in fdb

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that an attempt was made to remove a non-existent FDB entry.

Action

If there are multiple messages, contact Technical Support.

No Message Buffer

<WARN:STP> bpduFilter: NULL mbuff

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that there is no MBuf for the received BPDU.

Action

If there are multiple messages, contact Technical Support.

No Protected VLANs Configured

```
<WARN:EAPS> eaps_runtime.c 2115: Warning! No Protected Vlan configured in domain "eaps1"
```

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that there are no protected VLANs in the EAPS domain.

Action

Ensure that all the data VLANs carrying traffic are added to EAPS as protected VLANs. Otherwise, there could be a loop in the network.

otpRamBusy

```
SYST: Port 12 link down  
SYST: Port 12 last message repeated 1 time  
KERN: otpRamBusyWait: slot=0 quake=0x1 reg=0x4000  
SYST: FAILED2 set: 0 0220 -> 40000000
```

Software Version

ExtremeWare 6.1

Hardware Version

All

Explanation

These messages indicate that there is a problem accessing the port translation table.

Action

Reboot the switch.

If the problem persists after the reboot, upgrade to the latest software.

If problem persists, RMA the switch or module.

PDU Received on Wrong Port

<WARN:EAPS> eaps_runtime.c 1498: Warning! Received <pdu type> on Primary port 1:1 for EAPS(eaps1)

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the primary port received an EAPS Health-check PDU. The Health-check PDUs must be received only on the secondary port.

Action

The EAPS task may have become unstable. Contact Technical Support.

Port Binding Failed, Bound to Another STPD

```
<WARN:STP> bindStpPortToStpd: stpPort "x" PortId "y" bound to different Stpd "z"
```

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the binding of the STP port to the STPD failed because the STP port is already bound to another STPD.

Action

If there are multiple messages, contact Technical Support.

Port Binding Failed, Bound to that STPD

```
<WARN:STP> bindStpPortToStpd: stpPort "x" PortId "y" already bound to Stpd "z"
```

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the binding of the STP port to the STPD failed because the STP port is already bound to that STPD.

Action

Ignore.

Port Creation Failed, Bad STPD Instance

<WARN:STP> stpPortCreate: No stpd for stpd inst "x" stpPortInst "y"

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the STP port creation failed due to a bad STPD instance.

Action

Retry the port addition. If it repeatedly fails, contact Technical Support.

Port Creation Failed, No PIF

<WARN:STP> stpPortCreate: No pif for port "x"

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the STP port creation failed because there is no physical I/f (PIF) structure.

Action

Retry the port addition. If it repeatedly fails, contact Technical Support.

Port Creation Failed, Not Enough Ports

<WARN:STP> stpPortCreate: Not enough stp port

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the STP port creation failed because the maximum number of STP ports exists.

Action

Reduce the number of STP ports in the configuration.

Port Deletion Failed, No Matching Port

```
<WARN:STP> stpPortDelete: No matching stp port("x")
```

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the STP port deletion failed because the STP port does not exist.

Action

Retry the port deletion. If it repeatedly fails, contact Technical Support.

Port Deletion Failed, Not Bound to PIF

<WARN:STP> stpPortDelete: No pif-stp port("x") bindings

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the STP port deletion failed because the STP port is not bound to the Physical Interface (PIF).

Action

Retry the port deletion. If it repeatedly fails, contact Technical Support.

Port Mapping Failed

```
<WARN:SYST> processCardNmcConnectionDown: set nmc (11) channel (1) internal loop error
<WARN:PORT> port mapping failed on slot 12 internal port 2!
<WARN:PORT> port mapping failed on slot 12 internal port 2!
<WARN:SYST> processCardNmcConnectionDown: set nmc (10) channel (1) internal loop error
<WARN:PORT> port mapping failed on slot 11 internal port 2!
<WARN:PORT> port mapping failed on slot 11 internal port 2!
<INFO:SYST> Card removed from slot 2
```

Software Version

ExtremeWare 6.x

Hardware Version

BlackDiamond

Explanation

These messages indicate that removing a module from slot 2 causes the switch to set the connection of MSM A and MSM B to slot 2 as an internal loop. But the software failed to set the MSM A (slot 11 - 1 based, nmc (10 - 0 based)) and the MSM B (slot 12 - 1 based, nmc (11 - 0 based)) port to the internal loop.

Action

No action is necessary.

Port Not Configured

```
<WARN:EAPS> eaps_runtime.c 1460: Warning! Received PDU(<pdu type>) on an unconfigured  
port(1:1) for EAPS(eaps1)
```

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that an EAPS PDU was received by a port that has not been configured to be a ring-port.

Action

Configure the EAPS domain with the correct ring-ports, or configure the control VLAN with the correct ports and connections.

Port Not in VLAN

```
<WARN:EAPS> eaps_runtime.c 1222: Warning! Port (1:1) not in vlan "v1"
```

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the port selected to send out the EAPS PDU has not been added to the control VLAN. The PDU cannot be sent.

Action

Configure the EAPS control VLAN correctly by adding both the ring-ports to it as tagged ports.

Port Unbinding Failed, STP Not Disabled

<WARN:STP> unbindStpPortFromStpd: Stp still running on stpPort "x" PortId "y"

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the unbinding of the STP port from the STPD failed because the STP is not disabled.

Action

Disable the STP on the STPD and retry.

Port Write Error

<WARN:STP> stpPortWriteNv: Error "x" saving to nv

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that an error occurred while writing the port configuration to NVRAM.

Action

If there are multiple messages, contact Technical Support.

Power Consumption Exceeds Slot Threshold

WARNING: PSU-[Internal | External] consumption of x.xW exceeds the x% threshold of x.xW for slot x

Software Version

ExtremeWare 7.2.0bx

Hardware Version

FM32P modules only

Explanation

This message indicates that the total measured power exceeds the consumption set in the CLI. The default is 70%.

Action

Monitor the situation. If a message indicating the return to normal does not display, you may need to RMA board.

If the action continues to happen where it exceeds and returns to normal, you may need to RMA board.

Power Consumption Exceeds System Threshold

WARNING: PSU consumption of x.xW exceeds the x% threshold of x.xW for the system

Software Version

ExtremeWare 7.2.0bx

Hardware Version

FM32P modules only

Explanation

This message indicates that the total measured power exceeds the consumption set in the CLI. The default is 70%.

Action

Monitor the situation. If a message indicating the return to normal does not display, you may need to RMA board.

If the action continues to happen where it exceeds and returns to normal, you may need to RMA board.

Problem Stopping Domain

<WARN:EAPS> eaps.c 3708: Problem in stopping domain "eaps1"

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that an error occurred while attempting to stop an EAPS domain.

Action

The EAPS task may have become unstable. Contact Technical Support.

PTAG Error, List Tags

<WARN:KERN> ptagAdd: error - no free LIST tags

Software Version

ExtremeWare 4.1.19b2

Hardware Version

Summit48

Explanation

This message indicates that the system has run out of internal resources.

Action

Contact Technical Support to troubleshoot the problem.

PTAG Error, Memory Blocks

```
<WARN:KERN> tBGTask: Block 4010 on slot 7 is already free
```

Software Version

All ExtremeWare versions

Hardware Version

BlackDiamond

Explanation

This message indicates that you are trying to free PTAGs which are already freed. This is generally a configuration and environment related software problem. The error message can appear for a task other than tBGTask.

Action

ExtremeWare generates this message when there are multiple IGMP senders and receivers with Summit chipset I/O modules. Check the *ExtremeWare Installation and Release Notes* for more information.

If you already installed the latest ExtremeWare release, contact Technical Support.

QoS Duplicate Port

<WARN:SNMP> SNMP PORT QOS Trying to insert duplicate instance 1

Software Version

ExtremeWare 6.x

Hardware Version

All "i" series

Explanation

This message indicates that there is an attempt to set up the same SNMP port twice in the QoS configuration.

Action

No action is necessary.

redirectServerList Not in Use

<WARN:IPRT> redirectServerListCb: 0 0 not inuse

Software Version

ExtremeWare 6.1.5b23 and earlier

Hardware Version

All "i" series

Explanation

This message indicates that a server failed health checking. The fix has been implemented in ExtremeWare 6.1.5b23 or later.

Action

Upgrade to the latest software.

Send BDPU Failed

<WARN:STP> send_bpdu_packet: Can't send bpdu

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that the send BPDU process failed.

Action

If there are multiple messages, contact Technical Support.

Send Message Failed

<WARN:STP> bpduFilter: Cannot send message to Stp task

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that bpduFilter could not send a message to the STP task.

Action

If there are multiple messages, contact Technical Support.

Slave Port Active

```
<WARN:PORT> Slot 2 port 3 slave port link active while master slot 2 port 1 active  
<INFO:PORT> Slot 1 port 1 primary port link active  
<INFO:PORT> Slot 1 port 4 redundant port link active
```

Software Version

ExtremeWare 6.2.0b60 and 6.2.1b20

Hardware Version

Alpine, BlackDiamond, and Summit

Explanation

These messages indicate that there is a redundancy with load sharing on Gigabit TX ports (such as those on the Alpine G4Ti, BlackDiamond G8Ti, and Summit5i). This has been fixed in ExtremeWare 6.2.2.

Action

Upgrade to the latest software.

SNMP IP QoS ACL Missing

<WARN:SNMP> SNMP IPAQOS Could not find entry instance 5083 to delete

Software Version

All ExtremeWare versions

Hardware Version

All

Explanation

This message indicates that you tried to delete an ACL that does not exist, which can occur due to one of the following:

- ACL has already been removed through CLI.
- There is no ACL with that number.
- Typographical or syntax error.

Action

No action is necessary.

Spurious Link State

```
<WARN:PORT> ERROR: Slot 1 port 5 lane 1 spurious int 8  
<WARN:PORT> ERROR: Slot 1 port 5 lane 1 spurious int 8  
<WARN:PORT> ERROR: Slot 2 port 5 lane 1 spurious int 8
```

Software Version

ExtremeWare 6.1.5b20

Hardware Version

BlackDiamond

Explanation

These messages indicate that the link state of the specified port is changing very quickly. Make sure that there is a stable connection to the switch.

Action

Upgrade to the latest software.

STP Disabled for Port

```
<WARN:STP> setPortState: Stp disabled for stpPort "x" PortId "y"
```

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the attempt to change the port state failed because STP is not enabled on the STP port.

Action

Enable STP and retry.

STP Disabled for STPD

```
<WARN:STP> setPortState: Stp disabled for Stpd "x" inst "y"
```

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the attempt to change the port state failed because STP on the STPD is not enabled.

Action

Enable STP and retry.

STPD Instance Does Not Exist

<WARN:STP> Stpd instance nonexistent

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates an internal timer error.

Action

If there are multiple messages, contact Technical Support.

STPD Malloc Failed

<WARN:STP> STPD malloc failed "x"

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that STPD creation failed.

Action

Retry STPD creation. If it repeatedly fails, contact Technical Support.

STPD Table Malloc Failed

<WARN:STP> STPD table malloc failed "x"

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that STPD creation failed.

Action

Retry STPD creation. If it repeatedly fails, contact Technical Support.

STP Port Creation Failed

<WARN:STP> stpPortParseNv: stpPortCreate err for stpd "x", portId "y"

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that STP port creation failed.

Action

Retry STP port creation. If it repeatedly fails, contact Technical Support.

STP Port Does Not Exist

<WARN:STP> stp port nonexistent

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that there is an internal timer error.

Action

If there are multiple messages, contact Technical Support.

STP Port Malloc Failed

<WARN:STP> Stp port malloc failed["port","port table"] "size"

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that STP port creation failed because it was unable to allocate memory.

Action

Retry STP port creation. If it repeatedly fails, contact Technical Support.

STPD Tag Removal Failed

<WARN:STP> unconfigStpdFilters: Stpd tag is from a bridge that ignores BPDU

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that a request to remove an FDB entry for the BPDU failed because the carrier VLAN has "ignore BPDU" enabled.

Action

Disable "ignore BPDU" for carrier VLAN.

SuperBridge Error

<WARN:KERN> SuperBridge w3back, No ptag for Port 2 vlan 2005

Software Version

ExtremeWare 6.x

Hardware Version

All

Explanation

This message indicates a configuration error. It can occur when you attempt to delete a non-existent super-VLAN on a switch configured with ESRP or VLAN aggregation.

Action

Check configurations. If you are unable to isolate the problem, contact Technical Support.

System Overheated

SYST: System is overheated. (65532 C)
SYST: System is overheated. (65532 C)

Software Version

ExtremeWare 4.x and 6.x

Hardware Version

All

Explanation

This message indicates that the system temperature is over the limit.

Action

Contact Technical Support for assistance as this problem has been fixed in newer versions. Upgrade to the latest software.

Stuck Interrupt

<WARN:PORT> ERROR: Slot 1 indicates a stuck interrupt, disabling interrupts to the blade

Software Version

ExtremeWare 6.1.9 and later

Hardware Version

BlackDiamond

Explanation

This message indicates that on the slot there is no interrupt between the MSM and the module; therefore, stuck interrupt occurs. The software disables the further interrupts and brings the module down.

Action

Re-insert the particular module in that slot.

If the re-insertion of the module does not fix the problem contact Technical Support.

Task Exceeded Stack Boundary

<WARN:SYST> Task 0xyyyyyyyy has exceeded its own stack boundry. Contact Extreme Technical Support

Software Version

ExtremeWare 720bx

Hardware Version

All "i" series

Explanation

This message indicates that stack corruption occurred for specified task.

Action

Contact Extreme Technical Support.

Task Failed

<WARN:STP> stpInit: taskSpawn failed

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates an STP initialization error.

Action

Reboot.

Timer Delay Exceeds Capacity

<WARN:STP> WARN: STP timer delay exceeds capacity, "x" "y" "z"

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates an internal timer error.

Action

If there are multiple messages, contact Technical Support.

Timer Error, Non-Expired Bucket

<WARN:STP> Expiry event for non-expired bucket "bucket" "current time" "next expiry"

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates internal timer error.

Action

If there are multiple messages, contact Technical Support.

Timer Error, Wrong Bucket

```
<WARN:STP> Stp timer expired in wrong bucket "bucket#" "bucket#" "timer type" "timer  
instance" "port instance" "previous timer" "next timer"
```

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates internal timer error.

Action

If there are multiple messages, contact Technical Support.

tNetTask Panic

```
<WARN:KERN> tNetTask panic: m_freem
```

Software Version

ExtremeWare 6.1.x

Hardware Version

All

Explanation

This message indicates that the switch is attempting to free memory (tNetTask) that has already been freed.

Action

Use the `show memory` command and the `top` command to capture the detail and configuration. Check task utilization peaks and IPFDB, and check the log for any message indicating that allocated memory space is maxed out.

Trying to Put Block in Free List

```
<WARN:KERN> tDvmrpTask: Trying to put otp block f428 in free list: already free:  
Slot=9 Index=244 Owner=2
```

Software Version

All ExtremeWare versions

Hardware Version

All except VDSL

Explanation

This message indicates that the software is trying to free already freed memory.

Action

Use the `show tech-support` and `show log` commands to capture the log and contact Technical Support.

Unable to Allocate PTAG

<WARN:STP> stpInit: Unable to alloc ptag

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates an STP initialization error.

Action

Reboot.

Unable to Create Message Queue

<WARN:STP> stpInit: Unable to create msg Q

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates an STP initialization error.

Action

Reboot.

Unable to Locate MAC

<WARN:EDP> updateEdpFilter378: Unable to locate EDP MAC (VID=0xffff)

Software Version

ExtremeWare 6.1.9b22

Hardware Version

Alpine

Explanation

This message indicates that the switch tried to delete an EDP destination MAC 00E02B000000 FDB entry that is not in the FDB table. This example is an invalid VLAN ID. You will see this error in the log after changing the VLAN tag.

Action

If you see this message once or twice in the log, no action is necessary.

Use the `show fdb` command to see whether all of the FDB entries for the VLAN have a valid MAC address or not (each VLAN should have a MAC 00E02B000000 entry).

If the switch shows the correct MAC address, no action is necessary.

If switch shows incorrect MAC addresses, delete the VLAN that is reporting the error and reconfigure the VLAN.

If you still see the error, use the `show tech-support` command and contact Technical Support.

Unable to Start Watchdog Timer

<WARN:STP> Error: unable to start wd timer

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the watchdog timer could not be started.

Action

Reboot.

Unknown Message Type

```
<WARN:STP> stpTask: Unknown message type %d
```

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that an unknown message was received by STP task.

Action

If there are multiple messages, contact Technical Support.

Unknown PDU Type

```
<WARN:EAPS> eaps_runtime.c 1654: Warning! Unknown pduType <integer>, EAPS="eaps1",  
[MAC=<mac address>]
```

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that this version of the software does not recognize the EAPS PDU.

Action

You should probably upgrade to the newer release of the software.

Unknown TLV

<WARN:STP> bpduFilter: Port "x" unknown TLV: type "y" length "z"

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that there is a bad TLV in the received BPDU.

Action

Check the configuration of peer device.

Untagged Port Mismatch

```
<WARN:STP> sysObjSetStpPort: Active untagged stp port mismatch
```

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the management function failed to set the port mode of untagged port to something other than 802.1D.

Action

You must use a tagged port for encapsulations other than 802.1D.

Cannot Update ACL Rule

```
<WARN:KERN> Update can't be done atomically Node=211.133.249.128: chngs=5  
np=211.133.249.128 L=0 R=0 par=158.20 B  
<INFO:SYST> 158.205.225.9 admin: create access-list acl041 ip destination any source  
211.133.249.128 / 25 perm
```

Software Version

ExtremeWare 6.1.9b11 and 6.20b60

Hardware Version

All "i" series

Explanation

These messages indicate that the newly configured ACL rule cannot be automatically synced on all hardware. ExtremeWare 6.21b20 and later will force the sync although the automatic sync fails.

Action

Upgrade to the latest software.

User Account Out of Range

<WARN:SYST> User account instance 65535 out of range

Software Version

All ExtremeWare versions

Hardware Version

All

Explanation

This message indicates that an invalid user name or password came via telnet or the console. This message appears in the log when the user name or password does not match.

Action

No action is necessary.

VLAN Already Controls Another Domain

```
<WARN:EAPS> eaps.c 5025: Warning! vlan "v1"cannot control >1 EAPS domains. Already  
controls EAPS "eaps1"
```

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the VLAN has already been added as a control VLAN to an EAPS domain.

Action

If a VLAN has been added as a control VLAN to an EAPS domain, it cannot be added as a control or protected VLAN to another EAPS domain.

VLAN Already Exists

```
<WARN:EAPS> eaps.c 5010: Warning! Vlan "v1"<-->Eapsd "eaps1" exists
```

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that this VLAN has already been added to the EAPS as control/protected.

Action

Inform the user that this VLAN has already been added to an EAPS domain.

VLAN Bind Failed

<WARN:STP> bindVlanPortToStpPort: configBifStpPort failed.

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that while attempting to bind the VLAN port to STPD, the bind failed.

Action

Retry the port addition. If it repeatedly fails, contact Technical Support.

VLAN Does Not Contain Port

```
<WARN:EAPS> eaps_runtime.c 1936: Warning! Protected vlan "v1" does not have port 1:1  
added to it
```

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that there is nothing to block because the ring-ports have not been added to the protected VLAN.

Action

Configure the protected VLANs by adding the ring-ports to it.

VLAN ID Already Bound

```
<WARN:STP> bindVlanPortToStpPort: vlan Id "x" port "y" is already bound to other instance.
```

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that while attempting to bind the VLAN port to STPD, the bind failed because the bridge interface (BIF) is already bound.

Action

Remove the STP port from the other STPD and retry.

VLAN ID No Longer in STPD

<WARN:STP> Vlan Id "x" is no longer in the stpd with Id "x"

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the STPD ID is set to a VLAN tag and that tag was removed from the STPD.

Action

Add the VLAN back to STPD or change the STPD ID.

VLAN Is Not Control VLAN

<WARN:EAPS> eaps.c 4153: Warning! Vlan is not Control Vlan in EAPS "eaps1"

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the specified VLAN is not an EAPS control VLAN.

Action

Use the correct control VLAN name to delete it from EAPS.

VLAN Is Not Protected VLAN

```
<WARN:EAPS> eaps.c 4279: Warning! Vlan is not Protected Vlan in EAPS "eaps1"
```

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the specified VLAN is not an EAPS protected VLAN.

Action

Use the correct protected VLAN name to delete it from EAPS.

Port Number Out of Range

port #<%d> from slot %d out of range

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The port number you have entered through CLI or selected in the Vista web page is out of range.

Action

If you have entered a wrong port number, enter or select the correct port number.

Verify the log to confirm that the message does not appear again.

Slot Number Out of Range

slot #<%d> out of range

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The slot number you have entered through CLI or selected in the Vista web page is out of range.

Action

If you have entered a wrong slot number, enter or select the correct slot number.

Verify the log to confirm that the message does not appear again.

Too Many Announcements on Port

port=<%d> has receive too many Announce

Software Version

ExtremeWare 7.3 and later

Hardware Version

Alpine, Summit300-24, Summit300-48, and Summit400-24p

Explanation

The switch has received too many announce messages from the access point (AP).

If the switch receive too many announce messages from the access point, the access point will be moved to ERR state.

This could be due to errors in the wireless configuration.

Action

- 1 Verify the wireless configuration and confirm that the configuration is correct.
- 2 Disable and enable the wireless port.
- 3 If you see the message again, contact Technical Support.

FDB Scan Entries Remapped

FDB Scan: entry 7489/3 marked 'remapped'

FDB Scan: (8) sw/hw dpath mismatch M-BRD bucket 7489 entry 3

Software Version

ExtremeWare 6.2 and later

Hardware Version

All "i" series

Explanation

Copies of software FDB and hardware FDB are compared when fdb-scan is enabled. If there is a mismatch between the two, the entries are marked as "remapped". The message shows the index of the bucket and the entry for the fdb entry with the discrepancy.

You can obtain this information using the command `show fdb remap`.

If the switch detects more than eight questionable entries, it executes the configured failure action and stops remapping on the switch fabric. You can configure the action to be carried out if the FDB scan fails. Configure to:

- Log—Logs message on the syslog. Failures are logged in syslog.
- Sys-health-check—Executes the configured system health check action if failures are detected continuously.

When a bad fdb entry is detected, the switch takes one of the following actions:

- Remaps around the entry location—If the entry is not in use.
- Removes the questionable entry, allows the table to be rebuilt, and remaps around the entry location—If the entry is in use, but is safely removable (most of the MAC and IP-DA entries).
- Sends a warning message to the log—If the entry is in use and is not safely removable.

Action

Informational only. No action needed.

Problem with I/O Modules

Diags detected 1 other i/o blade(s) with a transceiver problem. Problem may lie on MSM-A

Software Version

ExtremeWare 6.2 and later

Hardware Version

BlackDiamond

Explanation

Two or more I/O modules or MSM have problem with the ASICs. Enable transceiver-test and show diagnostics sys-health-check CLIs to verify the errors.

Action

Contact Technical Support.

Bridge and EAPSD Link Exists

EAPSD c-tky01-myg-1 - Vlan W1015 has already been added to EAPS domain.

Software Version

ExtremeWare 7.0 and later

Hardware Version

All

Explanation

The bridge and the EAPSD is already linked.

Action

Informational only. No action needed.

Changing QoS Policy Default Value

gosPConfigQoS:Changing bw setting of default QoS: qp1

Software Version

ExtremeWare 6.2 and later

Hardware Version

All

Explanation

You are changing the default value of the QoS Policy queue (qp1). This is the value used by all policies by default.

Action

Informational only. No action needed.

Netlogin VLAN: IP Address Not Configured

Network Login vlan %s has no routable interface

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

This message indicates that you have not configured an IP address for the netlogin VLAN.

Action

Configure IP address for the netlogin VLAN.

Write Error While Download in Progress

- Attempt to write bootrom while a download is in progress
- Attempt to write image while a download is in progress

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

These messages indicates that you are trying to download an image while another download is in progress.

Action

Check if another download is in progress.

If another download is in progress, download the new image after the first image is downloaded.

Saving Configuration While Downloading an Image

Attempt to write config while a download is in progress

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The message indicates that you are trying to save the configuration while an image download is in progress.

Action

Check if image download is in progress. If you are downloading an image, save the configuration after the download is complete.

Vendor Information Not Available

- `cgiGetVendorEmailAddr`: Could not get vendor
- `cgiSelectRootPage`: Could not get vendor
- `cgiSelectTopPage`: Could not get vendor
- `cgiSelectVendorHelp`: Could not get vendor

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The message indicates that system was not able to find the vendor information of the switch.

Action

Contact Technical Support.

Bootstrap and Bootloader Not Configured

AP with 1.52 bootrom is connected to the port=1:1. Configure both bootstrap and bootloader. Sending out trap and moving port to ERR.

Software Version

ExtremeWare 7.6

Hardware Version

Summit 300-48, Summit 300-24, Summit 400-24p, Alpine

Explanation

The bootstrap version of the access point (AP) connected to port 1:1 is 1.5.2.

You are trying to upgrade either the bootstrap or the bootloader. The switch has moved the wireless port to the ERR state and has sent a trap.

This message is displayed when you try to upgrade only the bootstrap or the bootloader. Upgrading the bootstrap or the bootloader without upgrading the other corrupts the access point. To prevent the AP from getting corrupted, the switch moves the wireless port to the ERR state.

Action

Configure both the bootstrap and the bootloader.

TFTP Errors on Port

Too many TFTP tries made for port 1:1. Sending out trap and moving port to ERR state.

Software Version

ExtremeWare 7.6

Hardware Version

Summit 300-48, Summit 300-24, Summit 400-24p, Alpine

Explanation

While the access point (AP) tried to get the image from the server, TFTP failed due to one of the following reasons:

- Unknown Host
- Server not reachable
- TFTP general error
- Checksum failed

If TFTP access fails five times continuously, the switch moves the wireless port to the ERR state and generate a trap.

Action

- 1 Confirm that the file you are trying to transfer is in TFTP server.
- 2 Confirm that the access point is connected to the TFTP server.
- 3 Verify the log.
- 4 Fix the errors.
- 5 Disable and re-enable the port.
- 6 Upgrade or boot up the AP image.

DVMRP PDU: Message Queue Send Error

dvmrpPdu: msgQSend error <errno>

Software Version

ExtremeWare 7.3 and later

Hardware Version

All “i” series and Summit “e” series

Explanation

The message indicates that the switch received a DVMRP packet and while enqueueing the DMVP packet to the DVMRP message, the message queue failed.

This error would occur when a DVMRP packet is received and enqueueing the DVMP packet to the DVMRP message queue fails.

Action

- 1 Disable DVMRP and enable it after some time.
- 2 If you see this message again, disable and also remove the vlans from DVMRP. After some time, enable and add the vlans to DVMRP.
- 3 If you see this message even after removing and adding the VLANs, reboot the switch.

DVMRP Watchdog Timer: Message Queue Send Error

dvmrpWdTime: # <No of msgQSend failures> msgQSend error <errorno>

Software Version

ExtremeWare 7.3 and later

Hardware Version

All “i” series and Summit “e” series

Explanation

The message indicates that DVMRP message queue failed while the switch was queuing a timer message (timer tic) to the DVMRP message queue.

Action

- 1 Disable DVMRP and enable it after some time.
- 2 If you see this message again, disable and also remove the vlans from DVMRP. After some time, enable and add the vlans to DVMRP.
- 3 If you see this message after removing and adding the VLANs, restart the switch.

Missed ESRP Hello From Neighbor

edp.c 3080: VLAN=Mas05A, Missed ESRP Hello 1 from neighbor (00:e0:2b:84:ec:00)

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

BlackDiamond

Explanation

This message indicates that the switch missed a hello from the neighbor. This message can be enabled or disabled on a per vlan basis using the debug-trace setting.

Action

Informational only. No action needed.

Network Connectivity to Switch Lost

A300 lost network connectivity to Attachment switch, pls check topology for connectivity on %P

Software Version

ExtremeWare 7.5

Hardware Version

All

Explanation

This message indicates that the switch did not receive the health check packets from the access point (AP).

Action

Verify the connection between the switch and the access point.

Too Many TFTP Attempts

Too many TFTP tries made for port=%P. Sending out trap and moving port to ERR

Software Version

ExtremeWare 7.5

Hardware Version

All

Explanation

This message indicates that the file transfer to the access point failed.

Action

Check whether:

- 1 TFTP server is reachable.
- 2 TFTP server contains the configured files.
- 3 Configured files in TFTP are of the correct Type.
- 4 Disable and enable the port. Check whether the problem occurs again.

If the problem appears again, contact Technical Support.

DVMRP: Buffer Allocation Failed

DVMRP: Failed to alloc memory to Tx GraftAck <Source address> <Destination group address>

Software Version

ExtremeWare 7.3

Hardware Version

All “i” series

Explanation

This message indicates that the switch failed to allocate buffer for transmitting a DVMRP (Distance Vector Multicast Routing Protocol) graft acknowledgment.

Action

- 1 Disable and Enable DVMRP.
- 2 Restart the switch.

PIM Checksum Failed

PIM: chksum failure

Software Version

ExtremeWare 7.3

Hardware Version

All "i" series and "e" series

Explanation

This message indicates that the checksum in the PIM header of the PIM packet received is incorrect.

Action

Informational only. No action needed.

PIM Packet Type Unknown

PIM: unknown pim pkt with type <type>

Software Version

ExtremeWare 7.3

Hardware Version

All “i” series and “e” series

Explanation

This message indicates that the message type in the PIM packet received is not matching any of the message types defined in the RFC 2362.

Action

Informational only. No action needed.

PIM Version Failure

PIM: version failure

Software Version

ExtremeWare 7.3

Hardware Version

All “i” series and “e” series

Explanation

This message indicates that the PIM version number in the PIM packet received is not 2.

Action

Informational only. No action needed.

Bridge Learn Frame Dropped

- LRNDROP: (da=%m, sa=%m) no SAK
- LRNDROP: (da=%m, sa=%m) DA is rtr mac
- LRNDROP: (da=%m, sa=%m) no bridge
- LRNDROP: (da=%m, sa=%m, v=%d) not TLS vlan
- LRNDROP: NO_VPST bucket=%x entry=%d ptag=%x
- LRNDROP: SA(%m) is multicast

Software Version

ExtremeWare 7.3

Hardware Version

All

Explanation

This message indicates that the bridge learn frame was dropped.

- LRNDROP: (da=%m, sa=%m) no SAK—The frame was dropped because the NPMi module was not initialized.
- LRNDROP: (da=%m, sa=%m) DA is rtr mac—The frame was dropped because the destination address is a dummy router MAC.
- LRNDROP: (da=%m, sa=%m) no bridge—The frame was dropped because no bridge was found for the packet.
- LRNDROP: (da=%m, sa=%m, v=%d) not TLS vlan—The frame was dropped because the vlan was a TLS vlan.
- LRNDROP: NO_VPST bucket=%x entry=%d ptag=%x—The frame was dropped since the learn was not done on BPDUs or other special packets
- LRNDROP: SA(%m) is multicast—The frame was dropped because the source address was of multicast type.

Action

Informational only. No action needed.

Malformed Packet

PKTDROP: malformed packet

Software Version

ExtremeWare 7.3

Hardware Version

All

Explanation

This message indicates that the switch received a malformed packet and it was dropped.

Action

Informational only. No action needed.

Errors In SNMP Requests Received

- Received an SNMP Request from ...: Not Writable (non-leaf object)
- Received an SNMP Request from ...: Not Writable (Wrong Type)
- Received an SNMP Request from ...: ASN Parse Error
- Received an SNMP Request from ...: Bad Value
- Received an SNMP Request from ...: End of MIB
- Received an SNMP Request from ...: Read only
- Received an SNMP Request from ...: No Such Object

Software Version

ExtremeWare 7.3, Extreme ware 7.4, Extreme ware 7.5

Hardware Version

All

Explanation

- Received an SNMP Request from ...: Not Writable (non-leaf object)—The switch has received an SNMP Set Request for a non-leaf object in the MIB.
- Received an SNMP Request from ...: Not Writable (Wrong Type)—The switch has received an SNMP Set Request with mismatched type value for the given object.
- Received an SNMP Request from ...: ASN Parse Error—The switch has received an SNMP Request; while decoding the request the switch encountered parsing errors.
- Received an SNMP Request from ...: Bad Value—The switch received an SNMP Set Request with a wrong value for an object.
- Received an SNMP Request from ...: End of MIB—The switch has received an SNMP Get Next Request for the last supported OID.
- Received an SNMP Request from ...: Read only—The switch has received an SNMP Set Request, for an object, which is read only.
- Received an SNMP Request from ...: No Such Object—The message indicates that the switch has received an SNMP Get Request, for which there is no corresponding object mapping in the MIB.

Action

End of MIB message is informational only. No action needed.

For all other messages, check whether the SNMP Manager is sending any incorrect SET requests.

Active Untagged STP Port Mismatch

Active untagged STP port mismatch

Software Version

ExtremeWare 7.3, ExtremeWare 7.4, ExtremeWare 7.5

Hardware Version

All

Explanation

This message indicates that the stpport is not associated in the stptree of the Pif in untagged format, but the port mode is configured as DOT1D

Action

- 1 Delete the stpport.
- 2 Create the stpport.
- 3 Configure the port mode.

Another Active Dot1D

Another dot1d is already active

Software Version

ExtremeWare 7.3, ExtremeWare 7.4, ExtremeWare 7.5

Hardware Version

All

Explanation

The message indicates that you are trying to configure a dot1d while another dot1d is active. The Pif can have only one 802.1D capsulation mode.

Action

Remove the port from the second stp domain which is configured as 802.1D mode.

STP Domain Instance Does Not Exist

STP domain instance does not exist

Software Version

ExtremeWare 7.3, ExtremeWare 7.4, ExtremeWare 7.5

Hardware Version

All

Explanation

The message indicates that the time expiry function is unable to find the STP domain because the timer routine refers to an stpdomain already removed.

Action

Informational only. No action needed.

STP Port Does Not Exist

STP port does not exist

Software Version

ExtremeWare 7.3, ExtremeWare 7.4, ExtremeWare 7.5

Hardware Version

All

Explanation

The message indicates that the time expiry function is unable to find the STP port because the timer routine refers to an STP port that was already removed.

Action

Disable the STP domain and enable it again.

VLAN ID Not in STP Domain

Vlan ID %d is no longer in the STP domain with ID %d

Software Version

ExtremeWare 7.3, ExtremeWare 7.4, ExtremeWare 7.5

Hardware Version

All

Explanation

This message indicates that the VLAN ID is not longer in the STP domain. You cannot use the VLAN ID in the selected STP domain.

Action

Change the dot1q tag on the stpd to other active vlan ID in the stp domain.

BPDU Carrier VLAN Not Auto-Bind

BPDU carrier vlan %s must be Auto-Bind with stpd %s\n

Software Version

ExtremeWare 7.3, ExtremeWare 7.4, ExtremeWare 7.5

Hardware Version

All

Explanation

The message indicates that the selected VLAN does not have the default STP domains.

Action

Configure the default STPD domain to the bridge and then configure the dot1qtag.

STP Disabled

- Stp disabled for stpPort 0x%x PortId %d
- Stp disabled for Stpd 0x%x inst %d

Software Version

ExtremeWare 7.3, ExtremeWare 7.4, ExtremeWare 7.5

Hardware Version

All

Explanation

- Stp disabled for stpPort 0x%x PortId %d—The STP is trying to change the port state; even though the STP is disabled on the port.
- Stp disabled for Stpd 0x%x inst %d—The STP is trying to change the port state; but the STP domain is disabled.

Action

- Stp disabled for stpPort 0x%x PortId %d— Disable STP on the port and enable again.
- Stp disabled for Stpd 0x%x inst %d—Disable and enable the STP domain.

DVMRP: Received Bad Metric

```
DVMRP: Rx bad metric(<metric in the route>).  Nbr=<Nbr. IP addr.>  Rte= <IP address  
in the route>/<length>
```

Software Version

ExtremeWare 7.3

Hardware Version

All “i” series

Explanation

This message indicates that the metric of a route in the DVMRP (Distance Vector Multicast Routing Protocol) route report packet received is greater than or equal to 64.

This message appears only if the `debug-trace` is configured to `dvmrp-route`.

Action

Informational only. No action needed.

DVMRP: Prune Received From Non-DVMRP Neighbor

DVMRP: Rx Prune(<src ip addr in prune pkt> / <group addr in prune pkt>) w/o nbr
<src ip addr. in IP header> on vlan(<vlan name>)

Software Version

ExtremeWare 7.3

Hardware Version

All "i" series

Explanation

This message indicates that a prune is received from a source that is not a DVMRP (Distance Vector Multicast Routing Protocol) neighbor.

This message appears only if the `debug-trace` is configured to `dvmrp-message`.

Action

Informational only. No action needed.

DVMRP: Received Short Prune NBR On VLAN

```
DVMRP: Rx short prune (<src ip addr in prune pkt> / <group addr in prune pkt>) nbr  
<src ip addr. in IP header> on vlan(<vlan name>)
```

Software Version

ExtremeWare 7.3

Hardware Version

All “i” series

Explanation

This message indicates that the length of the DVMRP (Distance Vector Multicast Routing Protocol) prune packet received is lesser than the minimum prune packet length of 20 bytes.

This message appears only if the `debug-trace` is configured to `dvmrp-message`.

Action

Informational only. No action needed.

DVMRP: Access Violation

DVMRP: Access violation. RxRoute <IP addr. in the route>/<mask length> from <Src IP addr. in the IP header>

Software Version

ExtremeWare 7.3

Hardware Version

All "i" series

Explanation

This message indicates that the route in the DVMRP (Distance Vector Multicast Routing Protocol) route report packet received matches an access profile entry, with the action as deny, that is associated with the interface on which the report was received

This message appears only if the `debug-trace` is configured to `dvmrp-route`.

Action

Informational only. No action needed.

DVMRP: Allocating Packet Memory On VLAN Failed

DVMRP: Access violation. RxRoute <IP addr. in the route>/<mask length> from <Src IP addr. in the IP header>

Software Version

ExtremeWare 7.3

Hardware Version

All “i” series

Explanation

This message indicates that the switch failed to allocate buffer to transmit a probe packet.

This message appears only if the `debug-trace` is configured to `dvmrp-hello`.

Action

- 1 Disable and Enable DVMRP; on the switch and on VLANs.
- 2 Check whether this error appears again.
- 3 If the error appears again, restart the switch.

DVMRP: Allocating Memory For NBR Failed

DVMRP: Cannot alloc mem for Nbr (<Src IP addr.>)

Software Version

ExtremeWare 7.3

Hardware Version

All "i" series

Explanation

This message indicates that the switch failed to allocate memory to add a new DVMRP neighbor.

This message appears only if the `debug-trace` is configured to `dvmrp-neighbor`.

Action

Restart the switch.

DVMRP: No Route For Group

```
DVMRP: dvmrpIfPruneTime: Task <task name> no route for <src addr.>  grp <group  
addr.>  cpt <address of IPMC cache entry>
```

Software Version

ExtremeWare 7.3

Hardware Version

All “i” series

Explanation

This message indicates that there is no DVMRP (Distance Vector Multicast Routing Protocol) route to the source address in the IPMC cache entry.

This message appears only if the `debug-trace` is configured to `dvmrp-message`.

Action

Restart the switch.

DVMRP: Allocating Memory To Transmit Prune Failed

DVMRP: Failed to alloc memory to Tx Prune (<Src addr.> / <group addr.>)

Software Version

ExtremeWare 7.3

Hardware Version

All "i" series

Explanation

This message indicates that the switch failed to allocate buffer to transmit a prune message.

This message appears only if the `debug-trace` is configured to `dvmrp-message`.

Action

- 1 Disable and Enable DVMRP; on the switch and on VLANs.
- 2 Check whether this error appears again.

If the error appears again, restart the switch.

DVMRP: Group And Source Does Not Match In Graft

DVMRP: Group/Src does not match in Graft (<Group addr. in graft msg> / <Src addr. in graft msg>)!=(<group addr. in mcast cache> / <src addr. in mcast cache>)

Software Version

ExtremeWare 7.3

Hardware Version

All “i” series

Explanation

This message indicates that the group and the source address to be sent in the DVMRP (Distance Vector Multicast Routing Protocol) graft message does not match the group and the source address of the multicast cache entry for which the graft message is sent.

This message appears only if the `debug-trace` is configured to `dvmrp-message`.

Action

Informational only. No action needed.

DVMRP: NBR With Same IP Address Rejected

DVMRP: Reject nbr with same IP addr (<Src IP addr.>)

Software Version

ExtremeWare 7.3

Hardware Version

All "i" series

Explanation

This message indicates that the source IP address in the probe packet received is same as the IP address .of the interface on which the packet was received

This message appears only if the `debug-trace` is configured to `dvmrp-neighbor`.

Action

Informational only. No action needed.

Support Login Access Disabled

- user %s: Support-login access is disabled
- user %s: Support-login access is enabled

Software Version

ExtremeWare 7.5

Hardware Version

All

Explanation

- user %s: Support-login access is disabled—The message indicates that the support login account access is disabled for the user.
- user %s: Support-login access is enabled—The message indicates that the support login account access is enabled for the user.

Action

Informational only. No action needed.

Bridge Entry Not Found

CANNOT FIND BRIDGE ENTRY

Software Version

ExtremeWare 7.3

Hardware Version

All

Explanation

This message indicates that the switch was not able to find the bridge ID while sending out an MPLS encapsulated packet over the wire.

Action

Informational only. No action needed.

Freed MBUF

WARNING!!!: THIS IS A FREED MBUF!!!

Software Version

ExtremeWare 7.3

Hardware Version

All

Explanation

This message indicates that the switch is trying to access the memory buffer that was already been freed.

Action

Informational only. No action needed.

Corrupted Buffer Detected

`free(0x%08x) - buffer corruption detected on return by task: 0x%08x\n`

Software Version

ExtremeWare 7.3

Hardware Version

All

Explanation

This message indicates that the switch was not able to free the memory block because it has detected a corrupted buffer.

Action

Informational only. No action needed.

Accessing Memory Block Failed

`free(0x%08x) - no such buffer allocated (in task 0x%08x)`

Software Version

ExtremeWare 7.3

Hardware Version

All

Explanation

This message indicates that you are trying to free a memory block that is not allocated.

Action

Informational only. No action needed.

Operation Blocked

<<<blocked>>>

Software Version

ExtremeWare 7.3

Hardware Version

All

Explanation

The message indicates that the ExtremeWare has blocked the operation.

Action

Informational only. No action needed.

Deleting Bridge Interface for VLAN Failed

```
EAPS Shared-port 1:1 - Cannot delete bridge interface for vlan %s, segment-port 2:1.  
Value is NULL
```

Software Version

ExtremeWare 7.2 and later

Hardware Version

All “i” series

Explanation

The message indicates that the bridge interface associated to the segment port 2:1 is NULL.

Action

- 1 Delete the VLAN. VLAN will be removed from the EAPS super domain (ESD) and EAPS.
- 2 Configure the VLAN again.

Adding EAPS Domain Failed

EAPS Shared-port 1:1 - Cannot add EAPS domain EAPS1. Domain EAPS1 with same ring-ports has already been added\n

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

The message indicates that you are trying to add an EAPS domain which has already been added to the EAPS super domain (ESD).

You cannot add the EAPS domain already added to the shared port. EAPS domains that are using the shared port will be added to EAPS super domain (ESD).



NOTE

This message is not applicable as EAPS v2 Spatial reuse allows adding of multiple EAPS domains with same ring ports to ESP.

Action

Informational only. No action needed.

Configure EAPS Shared-port On Port

Please configure EAPS Shared-port on port 1:1

Software Version

ExtremeWare 7.2 and later

Hardware Version

All “i” series

Explanation

The message indicates that the port should be configured as an EAPS shared port.

The port 1:1 belongs to two or more EAPS domains with different ring port or different physical rings. In other words, this port is a common ring port for two or more EAPS domains with different physical rings. This type of topology might develop superloops. To avoid a superloop, configure this port as an EAPS shared port.

Action

Configure port 1:1 as a shared port to avoid a superloop.

Reached Maximum Limit of ESD Instance

Reached maximum limit of ESD instances.

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

The message indicates that the switch has reached the maximum number of EAPS super domain (ESD) instance. You can configure a maximum of two shared ports on a switch.

Action

- 1 Check the shared port configuration. You can create a maximum of two shared ports per switch.
- 2 If the error occurs with less than two shared ports, then reboot the switch.

EAPS Task Not Running

EAPS Shared-port 1:1 - EAPS task is not running

Software Version

ExtremeWare 7.2 and later

Hardware Version

All “i” series

Explanation

The message indicates that the EAPS task is not running.

Action

Check whether tEapsTask is running.

If tEapsTask is running, then reconfigure the shared port.

If tEapsTask is not running, then restart the switch.

PDU Type Unknown

EAPS Shared-port 1:1 - Unknown PDU type (%d), [MAC=00:01:30:FB:99:F0]

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

The message indicates that the switch has received an unknown EAPS super domain (ESD) PDU from another switch.

The PDU type field in the ESD PDU should have the one of the following values:

- 1 for ESD segment health PDU
- 2 for ESD loop detect PDU
- 3 for ESD flush notify PDU

Action

Capture the PDU packet and verify the pdutype field.

If you find unsupported values in the PDU, then check the switch from which the packet originated. Verify the field values in both sending and receiving end. If the packet is corrupted, you can trace it after the comparison.

Neighbor's Mode

EAPS Shared-port 1:1 - Neighbor's modes must be different from one another

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

This message indicates that the you have configured the same mode for the EAPS shared port for the switch and the neighbor.

You must use different modes on EAPS shared link. For example, if one end of the shared link is configured as Controller, then the other end should be configured as Partner.

Action

Verify the configuration on both the switches. Make sure you have different modes.

Neighbor Unreachable

EAPS Shared-port 1:1 - Neighbor unreachable

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

This message indicates that the EAPS super domain (ESD) controller and the partner do not recognize one another.

The message appears if the ESD does not receive segment health PDU and the neighbor state is up. The neighbor state is set to down.

Action

Check the link status in the EAPS segment.

Segment-Timer Exists for Segment Port

EAPS Shared-port 1:1 - Segment-timer already exists for segment-port 2:1

Software Version

ExtremeWare 7.2 and later

Hardware Version

All “i” series

Explanation

The message indicates that the segment-timer exists for segment-port 2:1.

Action

Informational only. No action is needed.

Shared-port-timer Exists

EAPS Shared-port 1:1 - Shared-port-timer already exists

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

The message indicates that the shared-port-timer already exists.

Action

Informational only. No action is needed.

EAPS: Port Not Added For Protected VLAN

EAPS: Protected vlan u93 does not have port 4:2 added to it

Software Version

ExtremeWare 7.2 and later

Hardware Version

All “i” and “e” series

Explanation

This message indicates that the EAPS domain has the information about a port on the bridge; but the port has already been removed from the bridge.

Action

- 1 Check whether user has removed the port from the bridge.
- 2 Disable and enable the EAPS domain again.

EAPS: Shared-Port Not Configured

EAPS: Please configure EAPS Shared-port on port 5:1

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" and "e" series

Explanation

The message indicates that you need to configure the port as shared port in EAPS.

If multiple EAPS domains are sharing a port, configured as secondary and primary, then you must configure the port as a shared port in EAPS to avoid loops.

Action

Configure the port as a shared port.

EAPSD: Deleting VLAN Interface Failed

EAPS: EAPSD eaps1a - Could not delete vlan emistp2a interface from EAPS domain

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" and "e" series

Explanation

This message indicates that the EAPS domain cannot delete the interface to the VLAN.

EAPS maintains an interface for the VLANs added to the domain. This interface is created when a VLAN is added to the EAPS domain.

Action

- 1 Delete the EAPS Domain.
- 2 Create the EAPS Domain again.
- 3 Remove the VLAN from the EAPS domain using the CLI.

EAPSD: Protected VLAN Not Added to EAPS Domain

EAPS: EAPSD eaps2a - No Protected Vlans have been added to the EAPS domain

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" and "e" series

Explanation

The message indicates that the EAPS domain has a control VLAN, but you have not configured a protected VLAN.

Protected VLANs and Controls VLAN are part of the EAPS domain. Control VLAN is used to send the control packets for the EAPS and the protected VLAN carries the customer data. To make the EAPS domain functional, you must configure a control VLAN, but a protected VLAN is optional.

Action

Configure protected VLAN on this EAPS domain.

EAPS: Already The Control VLAN on the Domain

EAPS: Vlan cont1a is already the Control Vlan on EAPS domain eaps1a

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" and "e" series

Explanation

This message indicates that the VLAN you are trying to add as a control VLAN is already configured as a control VLAN in another EAPS domain. Control VLAN can be part of only one EAPS domain.

To make the EAPS domain functional, you need to configure control VLAN and protected VLAN.

Action

- 1 Remove the control VLAN from the second EAPS domain to which it is part of
- 2 Configure the VLAN as the Control VLAN for this EAPS domain

Or

- 1 Create a new VLAN
- 2 Configure this VLAN as the Control VLAN for the EAPS domain

EAPSD: VLAN Already Part of Another EAPS Domain

EAPS: EAPSD eaps-up - Vlan verup has already been added to EAPS domain

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" and "e" series

Explanation

The message indicates that the VLAN has already been added to another EAPS domain.

To make the EAPS domain functional, you need to configure a control VLAN and protected VLAN. You can configure a VLAN as a protected VLAN or control VLAN only on one EAPS domain.

Action

- 1 Remove the VLAN from the second EAPS domain.
- 2 Configure VLAN in this EAPS domain.

Or

- 1 Create a new VLAN.
- 2 Configure the new VLAN on this EAPS domain.



Notice Messages

Notices are informational messages and do not require corrective action.

Check the “Issues Resolved In” sections in the latest *ExtremeWare Installation and Release Notes* to see if the error message indicates an issue that has been corrected in a recent software release.

Current Below Specification

NOTICE: Port x:x under current

Software Version

ExtremeWare 7.2 and later

Hardware Version

FM32P modules only

Explanation

This message indicates that the measured current is below specification.

Action

Monitor for more messages. If more messages occur, RMA the board.

Current Over Specification

NOTICE: Port x:x over current

Software Version

ExtremeWare 7.2 and later

Hardware Version

FM32P modules only

Explanation

This message indicates that the measured current is over specification.

Action

Monitor for more messages. If more messages occur, RMA the board.

Port Cannot Power

NOTICE: Port x:x cannot power

Software Version

ExtremeWare 7.2 and later

Hardware Version

FM32P modules only

Explanation

This message indicates that the port cannot supply power to the device requesting power.

Action

Try another port. If no other port available, then RMA blade.



Informational Messages

Informational messages do not require corrective action.

Check the “Issues Resolved In” sections in the latest *ExtremeWare Installation and Release Notes* to see if the error message indicates an issue that has been corrected in a recent software release.

Bad PoE Hardware

Slot X has bad PoE hardware, disabling PoE system

Software Version

ExtremeWare 7.2.0bx

Hardware Version

FM32P modules only

Explanation

This message indicates that the PoE (Power Over Ethernet) system has a hardware problem, but the port still functions as an Ethernet port.

Action

RMA the board if you must Power Over Ethernet.

Calibration Data Updated

Slot X updated PoE calibration data to device

Software Version

ExtremeWare 7.2.0bx

Hardware Version

FM32P modules only

Explanation

This message indicates that the blade has old calibration data stored and it is being updated to new values.

Action

Informational only. No action needed.

Cannot Allocate Memory Buffer

<INFO:SYST> can not alloc mbuf for internal EDP diag.

Software Version

ExtremeWare 6.1.6b19

Hardware Version

All "i" series

Explanation

This message indicates that ExtremeWare ran out of memory buffers that are used to build internal EDP diagnostic packets which are sent out as part of the health-check routines. Running out of memory buffers can be caused by a broadcast flood to the CPU which can exceed available memory buffers.

Action

Investigate if there was a broadcast storm on the network.

Disabling EAPS

<INFO:EAPS> 10.4.2.161 admin: disable eaps

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that the user initiated a command to disable EAPS.

Action

Informational only. No action needed.

EEPROM Read Retried

```
<INFO:SYST> EEPROM read retried: blade 2  retry count = 2  rc = 1
```

Software Version

ExtremeWare 7.1.1 and later

Hardware Version

BlackDiamond

Explanation

This message indicates that the read on an I/O module EEPROM from an MSM had to be retried due to a read error. If the retry count is less than 10, the read was eventually successful.

Action

This message could indicate a hardware problem. Run diagnostics on the I/O module and the MSM. If the diagnostic results indicate bad hardware, RMA the I/O module or Summit.

If the diagnostics do not indicate bad hardware, contact Technical Support to troubleshoot the problem.

Enabling EAPS

<INFO:EAPS> 10.4.2.161 admin: enable eaps

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the user initiated a command to enable EAPS.

Action

Informational only. No action needed.

Fail Timer Flag Cleared, EAPS=E05B

<INFO:EAPS> eaps_runtime.c 613: EAPS="E05B", Fail-timer-exp flag cleared

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the fail timer expiry flag, which had been set earlier, is now cleared.

Action

Informational only. No action needed.

Fail Timer Flag Cleared, EAPS=VLAN1

<INFO:EAPS> eaps_runtime.c 613: EAPS="VLAN1", Fail-timer-exp flag cleared

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the situation causing the master to miss its health check PDUs has been fixed, or that there is an actual break in the ring. In either case, it is safe to clear the fail timer expiry flag.

Action

Informational only. No action needed.

Fail Timer Flag Set

```
<INFO:EAPS> eaps_runtime.c 597: EAPS="VLAN1", Fail-timer-exp flag set
```

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that the fail timer flag is set. This occurs when the fail timer expires, but the fail timer should not expire. If there is an actual break in the ring, the master should receive a Link-Down message from the Transit. If the master did not receive a Link-Down message from Transit, and did not receive its own health check PDU for three seconds, there is a problem in the ring that must be resolved as soon as possible.

Action

Troubleshooting is required immediately. Is there an actual break in the ring? Was a Link-Down_pdu sent to the master? Is the ring complete, but due to a misconfiguration of the Control VLAN, the master is not receiving its own PDUs? Is there a broadcast storm on the ring, which is why the master's PDUs are getting dropped? Is there a hardware problem on one of the switches which is not allowing the control PDUs to go through?

Fast Age Out

```
<INFO:IPHS> fast age out: remote(203.133.93.15:1406)
local(210.59.224.126:80)
<INFO:IPHS> fast age out: remote(203.71.154.214:1509)
local(210.59.224.126:80)
```

Software Version

ExtremeWare 6.x

Hardware Version

All

Explanation

These messages indicate that there are too many pending TCP connections to the switch. The switch assumes that it is under a "sync flooding" attack. These pending connections are closed in order to defeat the attack.

Action

Make sure that the remote IP addresses are valid.

Firmware Revision

Slot X - PoE firmware rev = x.x

Software Version

ExtremeWare 7.2.0bx

Hardware Version

FM32P modules only

Explanation

This message reports the revision number of the PoE firmware on the blade.

Action

Informational only. No action needed.

Firmware Update Required

Slot X requires PoE firmware update

Software Version

ExtremeWare 7.2.0bx

Hardware Version

FM32P modules only

Explanation

This message indicates that the firmware requires updating.

Action

Informational only. No action needed.

Flush PDU

```
<INFO:EAPS> eaps.c 1548: Received Flush_Pdu sent by self ("E38A"). Drop it
```

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that a flush PDU was sent by this switch to itself. Hence, drop the packet.

Action

Informational only. No action needed.

High CPU Utilization, mportTask

<INFO:SYST> task mportTask cpu utilization is 91% PC: 8063b23 c

Software Version

All ExtremeWare versions

Hardware Version

All "i" series

Explanation

This message indicates the possibility of either a broadcast storm or high number of packets entering the Management port, which is consuming CPU time and could affect other processes.

mportTask handles the Management port interrupts. Interrupts are more than likely generated by traffic entering this port.

Action

Investigate what is happening on the port. Sniff if possible to determine the traffic pattern.

Log Cleared

SYST: Log cleared

Software Version

All ExtremeWare versions

Hardware Version

All

Explanation

This message indicates that someone cleared the log.

Action

No action is necessary.

Master Domain State Changed to Idle

<INFO:EAPS> eaps_runtime.c 2858: State Change, Complete => Idle, EAPS="E04B"

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the EAPS Master domain has stopped running due to user action, such as “disable eaps”. The domain state is set to Idle.

Action

Informational only. No action needed.

Master Domain Stopped, Primary Port Status Unknown

<INFO:EAPS> eaps_runtime.c 2848: Primary Port Change, Up => Unknown

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the EAPS Master domain has stopped running due to a user action, such as “disable eaps”. The port status is set to Unknown.

Action

Informational only. No action needed.

Master Node State Changed to Complete

<INFO:EAPS> eaps_runtime.c 2561: State Change, Failed => Complete, EAPS="E05B"

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that the master node received its health check PDU, and detected that the ring is healed. It transitions from the Failed state to Complete, and blocks the secondary port.

Action

Informational only. No action needed.

Master Node State Changed to Failed

<INFO:EAPS> eaps_runtime.c 2619: State Change, Complete => Failed, EAPS="E05B"

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the EAPS master node detected a failure in the ring. This causes its state to transition from Complete to Failed, and opens its secondary port.

Action

Restore the link on the port that caused the master to go into Failed state.

Master Node State Changed to Init

<INFO:EAPS> eaps_runtime.c 2600: State Change, Idle => Init, EAPS="E04B"

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the EAPS master node has started running. It transitioned from Idle state to Init state because both of its ring-ports are Up.

Action

Informational only. No action needed.

Master State Changed to Complete

```
<INFO:EAPS> eaps_runtime.c 2904: State Change, Init => Complete, EAPS="E04B"
```

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that the master transitioned from the Init state to the Complete state. While in Init state, the EAPS master receives its health check PDU. This ensures that the ring is Complete.

Action

Informational only. No action needed.

Memory Allocation

```
<INFO:KERN> Memory has been allocated for gBif  
<INFO:PORT> Memory has been allocated for gPif  
<INFO:KERN> Memory has been allocated for gBridge  
<INFO:SYST> Memory has been allocated for gSystem  
<INFO:DIAG> Finish running diagnostic test  
<INFO:DIAG> Start running diagnostic test ...
```

Software Version

ExtremeWare 4.1.15b4

Hardware Version

Summit48

Explanation

These messages indicate proper memory allocation.

Action

No action is necessary.

Old Power Supplies

```
<INFO:SYST> PWR MGMT: System is using Old AC 220 power values: 480, 518, 3, 1001
```

Software Version

ExtremeWare 6.1.x

Hardware Version

BlackDiamond

Explanation

This message indicates that ExtremeWare implemented power supply checking as part of the initialization routines. Messages similar to the above will appear in the startup sequence depending on the type of PSU detected by the system. The phrase “using Old AC 220 power values” simply indicates the detection of the original 220 PSU (old) as opposed to the new 220 PSU recently released by Extreme.

You might also see messages like:

```
PWR MGMT: System is using New AC power values:
```

```
PWR MGMT: System is using Old AC 110 power values:
```

```
PWR MGMT: System is using DC power values:
```

Action

No action is necessary.

PoE Firmware Download Completed

Slot X PoE firmware completed successfully

Software Version

ExtremeWare 7.2.0bx

Hardware Version

FM32P modules only

Explanation

This log message indicates that the firmware download is complete.

Action

Informational only. No action needed.

PoE Initialized

Slot X PoE system initialized

Software Version

ExtremeWare 7.2.0bx

Hardware Version

FM32P modules only

Explanation

This message indicates that the PoE system initialized.

Action

Informational only. No action needed.

PoE Power Supply Unit State Change

Detected PoE PSU change on slot X

Software Version

ExtremeWare 7.2.0bx

Hardware Version

FM32P modules only

Explanation

This message indicates that there was a PoE power supply change for the slot.

Action

Informational only. No action needed.

Port Power State Change

Port x:x power state from <state> to <state>

Software Version

ExtremeWare 7.2.0bx

Hardware Version

FM32P modules only

Explanation

This message indicates that there was a PoE state change for the port.

Action

Informational only. No action needed.

Port Status Changed to Up

```
<INFO:EAPS> eaps_runtime.c 1640: Pdu="Link-Up-Pdu", EAPS="E05B"  
[MAC=00:01:30:18:45:50]
```

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that the master node received a message from the Transit node indicating that a previously down port has come up. (In this example, the Transit's MAC=00:01:30:18:45:50.)

Action

Informational only. No action needed.

Power Is Up for Slot

External 48V on slot x is up and running

Software Version

ExtremeWare 7.2.0bx

Hardware Version

FM32P modules only

Explanation

This message indicates which PoE power supply is up for the slot.

Action

Informational only. No action needed.

Power Supply Failure, Switching to Backup

External 48V Supply failure on slot x, switching to internal 48V

Software Version

ExtremeWare 7.2.0bx

Hardware Version

FM32P modules only

Explanation

This message indicates a loss of the external PoE power supply and that is it switching to the backup for the slot. All ports will be brought down and then brought back up.

Action

Informational only. No action needed.

Preforward Timer Expired, EAPS=E38A

<INFO:EAPS> eaps_runtime.c 2463: EAPS "E38A" Preforward Timer expired.

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that the Transit's preforward timer expired. In general, the timer should not expire. The timer is usually cancelled after receiving a Ring-Up-FlushFDB message from master. By default if does not receive a message from the master for six seconds, this timer will expire.

Action

Troubleshooting is required.

Check the status of the master node. Is the master running? Is there another break in the ring?

Preforward Timer Expired, EAPS=VLAN1

<INFO:EAPS> eaps_runtime.c 2463: EAPS "VLAN1" Preforward Timer expired.

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the Transit's preforward timer expired. In general, the timer should not expire. The timer is usually cancelled after receiving a Ring-Up-FlushFDB message from master. By default if does not receive a message from the master for six seconds, this timer will expire.

Action

Troubleshooting is required. Check the status of the master node. Is the master running? Is there another break in the ring?

Primary Port Status Changed to Blocked

<INFO:EAPS> eaps_runtime.c 897: Primary Port Change, Down => Blocked

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the primary port on this Transit node has come up, and is blocked because the domain's state is set to Preforwarding.

Action

Informational only. No action needed.

Primary Port Status Changed to Down

<INFO:EAPS> eaps_runtime.c 970: Primary Port Change, Up => Down

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that the primary ring-port went down.

Action

Restore link on primary port.

Primary Port Status Changed to Up, from Blocked

<INFO:EAPS> eaps_runtime.c 2523: Primary Port Change, Blocked => Up

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that the primary port was being blocked due to preforwarding state. It is now safe to put this port to forwarding state, and mark the port as Up.

Action

Informational only. No action needed.

Primary Port Status Changed to Up, from Unknown

<INFO:EAPS> eaps.c 719: Primary Port Change, Unknown => Up

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that the EAPS domain is now coming up and is initializing the status of primary ring port.

Action

Informational only. No action needed.

QoS Profile, Invalid QoS Configuration

```
testBifCreate: Port 28 qos profile QP1  
failed admission control  
<INFO:KERN> CACTestQoS: port 28 qp QP1 minBw(20) testfailed
```

Software Version

ExtremeWare 2.x and 4.x

Hardware Version

All Summit chipset products

Explanation

This message indicates an invalid QoS configuration. For example, if you configure QP1 to use 50% and QP2 to use 100% (which adds up to 150% of the bandwidth), you will receive this message.

Action

Reconfigure QoS.

Reached G1 Limitation

```
<INFO:HW> Reached resource limitation for G1 module support can not support more G1  
modules; Check cpu-transmi
```

Software Version

ExtremeWare 6.1.x

Hardware Version

BlackDiamond and Alpine

Explanation

This error indicates you have installed too many Summit-chipset (G1) modules.

You will see this message on a BlackDiamond only if it has Summit-chipset modules.

If you get this message on an Alpine, it is not a problem as the Alpine does not have G1 module.

Action

Wait till some of the internal ports are freed.

RIP, MBZ Field

```
<INFO:RIP> ripInput: REQ pkt from 10.34.1.2 MBZ field of RTE not zero  
<INFO:RIP> ripInput: RSP pkt from 10.34.1.2 MBZ field of RTE not zero
```

Software Version

ExtremeWare 4.x and 6.x

Hardware Version

All

Explanation

These messages indicate that the RIP packet failed the sanity check. Must Be Zero (MBZ) indicates that the field in RIPv1 and RTE is not zero on the router.

Action

Check the RIP version on the routers. Make sure they are using the same version.

Ring Break, Flush Transit FDB

```
<INFO:EAPS> eaps_runtime.c 1590: Pdu="RingDown-FlushFdb-Pdu", EAPS="VLAN1 "  
[MAC=xx:xx:xx:xx:xx:xx]
```

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that the master node has detected a break in the ring and sends out a message "RingDown-Flush-Fdb". This causes all the Transits to flush their FDBs.

Action

Restore the link on the Transit that caused the break in the ring.

Ring Down, Flush Domain FDB

<INFO:EAPS> eaps_runtime.c 3433: Received EAPS RingDown FlushFDB on "E16A"

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This EAPS Transit domain has received a message from the EAPS Master that the ring went down and to flush its FDB.

Action

Informational only. No action needed.

Ring State Complete

<INFO:EAPS> eaps_runtime.c 3496: Received Health-Pdu, Ring state Complete.
EAPS="VLAN1", State Link-Down

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that the master thinks the ring is Complete, but a Transit is reporting one of its links to be down.

Action

If there is one message, it can be treated as an informational item, and no action is required. The master may have already sent out its health check PDU with the state showing Complete, just before the link on this Transit went down.

If this message keeps occurring, there might be a more serious situation to troubleshoot.

- Is the link actually down on this Transit node?
- Does the master's state show it to be Complete?

Ring Up, Flush FDB on Domain

<INFO:EAPS> eaps_runtime.c 3415: Received EAPS RingUp FlushFDB on domain "E15B"

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that the EAPS Transit domain received a message from the EAPS Master indicating that the ring came up and to flush its FDB.

Action

Informational only. No action needed.

Ring Up, Flush FDB on Transits

```
<INFO:EAPS> eaps_runtime.c 1590: Pdu="RingUp-FlushFdb-Pdu", EAPS="E15B"  
[MAC=00:01:30:fe:82:90]
```

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that the master node detected that the ring is healed and sends out a message “RingUp-Flush-Fdb”. This causes all the Transits to flush their FDBs. Also, the Transits in Preforwarding state will unblock their blocked ports, and go into Links-Up state.

Action

Informational only. No action needed.

Ring-Port State Changed to Link-Down

<INFO:EAPS> eaps_runtime.c 975: State Change, Links-Up => Link-Down, EAPS="E16A"

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that a ring-port on this Transit node went down causing the domain to enter the Link-Down state.

Action

Restore the link on the ring-port that went down.

Secondary Port Status Changed to Blocked

<INFO:EAPS> eaps_runtime.c 897: Secondary Port Change, Down => Blocked

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the Secondary port on this Transit node had just come up and is blocked because the domain's state is set to Preforwarding.

Action

Informational only. No action needed.

Secondary Port Status Changed to Down, from Blocked

<INFO:EAPS> eaps_runtime.c 802: Secondary Port Change, Blocked => Down

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the secondary port on master went down and its status changed from Blocked to Down.

Action

Restore link on Secondary port.

Secondary Port Status Changed to Down, from Up

<INFO:EAPS> eaps_runtime.c 970: Secondary Port Change, Up => Down

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that the secondary ring-port went down and its status changed from Up to Down.

Action

Restore link on secondary port.

Secondary Port Status Changed to Init

```
<INFO:EAPS> eaps_runtime.c 2600: State Change, Failed => Init, EAPS="VLAN1"
```

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that the secondary ring-port came up on the master and caused it to transition from Failed state to Init state. The secondary port is blocked immediately.

Action

Informational only. No action needed.

Secondary Port Status Changed to Preforwarding

<INFO:EAPS> eaps_runtime.c 903: State change, Link-Down => Preforwarding, EAPS="E16A"

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the secondary ring-port came up on this Transit node. The port is blocked and the domain goes into Preforwarding state.

Action

Informational only. No action needed.

Secondary Port Status Changed to Unknown, from Blocked

<INFO:EAPS> eaps_runtime.c 2853: Secondary Port Change, Blocked => Unknown

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the EAPS master domain has stopped running due to a user action, such as “disable eaps”. The port status is set to Unknown.

Action

Informational only. No action needed.

Secondary Port Status Changed to Unknown, from Up

<INFO:EAPS> eaps_runtime.c 3311: Secondary Port Change, Up => Unknown

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that this EAPS Transit domain has stopped running due to a user action, such as “disable eaps”. The port status is set to Unknown.

Action

Informational only. No action needed.

Secondary Port Status Changed to Up, from Blocked

<INFO:EAPS> eaps_runtime.c 2534: Secondary Port Change, Blocked => Up

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that the secondary port was being blocked due to preforwarding state. It is now safe to put this port to the Forwarding state and mark the port as Up.

Action

Informational only. No action needed.

Secondary Port Status Changed to Up, from Down

<INFO:EAPS> eaps_runtime.c 756: Secondary Port Change, Down => Up

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that the secondary port on the master came up and the status changed from Down to Up.

Action

Informational only. No action needed.

Secondary Port Status Changed to Up, from Unknown

<INFO:EAPS> eaps.c 738: Secondary Port Change, Unknown => Up

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the EAPS domain is now coming up and is initializing the status of the secondary ring port.

Action

Informational only. No action needed.

SSH Cipher

<INFO:SYST> SSH Negotiated algorithms: cipher: 3des-cbc mac: hmac-md5 compression none

Software Version

ExtremeWare 6.1.x

Hardware Version

All

Explanation

This message indicates the supported cipher for the Secure Shell (SSH) session.

Action

No action is necessary.

System Rebooted

SYST: System rebooted

Software Version

All ExtremeWare versions

Hardware Version

All

Explanation

This message indicates that the switch has been rebooted.

Action

No action is necessary; however, notify the network administrator(s).

Transit Domain State Changed to Idle

<INFO:EAPS> eaps_runtime.c 3316: State Change, Links-Up => Idle, EAPS="E04B"

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that the EAPS Transit domain stopped running due to a user action, such as “disable eaps”. The domain state is set to Idle.

Action

Informational only. No action needed.

Transit Domain Stopped, Primary Port Status Unknown

<INFO:EAPS> eaps_runtime.c 3306: Primary Port Change, Up => Unknown

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that the EAPS Transit domain has stopped running due to user action, such as “disable eaps”. The port status is set to Unknown.

Action

Informational only. No action needed.

Transit Node State Changed to Down

```
<INFO:EAPS> eaps_runtime.c 1573: Pdu="Link-Down-Pdu", EAPS="E05B"  
[MAC=00:01:30:18:45:50]
```

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that a port went down on the Transit node.

In this example, MAC=00:01:30:18:45:50 and will cause the master to go into Failed state.

Action

Restore the link on the port that went down on the Transit that sent the "Link-Down-Pdu." (In this example, the MAC = 00:01:30:18:45:50.).

Transit Node State Changed to Links-Up

<INFO:EAPS> eaps_runtime.c 2541: State Change, Preforwarding => Links-Up, EAPS="E16B"

Software Version

ExtremeWare 6.2.2 and later

Hardware Version

All

Explanation

This message indicates that the Transit node transitioned from the Preforwarding state to the Links-Up state. This could be due to receiving a RingUp-Flush-Fdb message from the master, or its preforwarding timer has expired.

Action

Informational only. No action needed.

Transit Node State Changed to Links-Up, from Idle

<INFO:EAPS> eaps_runtime.c 3247: State Change, Idle => Links-Up, EAPS="E04A"

Software Version

ExtremeWare 6.2.2 or later

Hardware Version

All

Explanation

This message indicates that an EAPS Transit node just started running. Because both of its ports are already up, it transitions its state from Idle to Links-Up.

Action

Informational only. No action needed.

Updating PoE Calibration

Slot X updating PoE calibration data from device

Software Version

ExtremeWare 7.2.0bx

Hardware Version

FM32P modules only

Explanation

This message indicates that the calibration on the blade is newer than what is stored on the blade.

Action

Informational only. No action needed.

User Logged Out from Telnet

```
<INFO:SYST> User ~5 ~8p logged out from telnet (209.213.212.126)
<INFO:SYST> User pjorgensen logged out from telnet (209.75.2)
```

Software Version

All ExtremeWare versions

Hardware Version

All

Explanation

These messages indicate that a telnet connection was opened to a switch and then closed without entering the user name. The switch does not generate any entry for logging into the switch; it only generates a log message stating that a particular user has just logged out.

If the previous user logged in and out as a local account user via a telnet session, and the next user tried to log in but aborted, you will see this message. In addition, instead of displaying `User ~5 ~8p logged out from telnet`, the switch will display the logout messages for the previous user.

Action

No action is necessary.

Index Position

Index Position <Position>

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The message indicates the position of the object ID in the object ID list.

Action

Informational only. No action needed.

SNMP Object Identification

This Object <objIdString> in WLM Object List value is <value>.

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

The message indicates that the specified SNMP object ID exists and displays the value of the SNMP object.

Action

Informational only. No action needed.

Initializing GPP Module

gppDisp: Beginning Init!

Software Version

ExtremeWare 7.3 and later

Hardware Version

Alpine and Black Diamond (MPLS and PoS modules).

Explanation

This message is displayed when the general purpose processor (GPP) module is being initialized.

The GPP module is responsible for the communication between the executive processor (XP) and the general purpose processor (GPP) of the network process blade.

Action

Informational only. No action needed.

Aborted Cable Diagnostics in Auto Mode

Cable Diagnostics Aborted: Mode [Auto]

Software Version

ExtremeWare 7.3

Hardware Version

BlackDiamond

Explanation

This message indicates that the user has stopped the cable diagnostics that was running in auto mode.

Action

Informational only. No action needed.

Started Cable Diagnostics in Manual Mode

Manual-Mode Cable Diagnostics Started

Software Version

ExtremeWare 7.3

Hardware Version

BlackDiamond

Explanation

This message indicates that the cable diagnostics module was started in manual mode.

Action

Informational only. No action needed.

BootROM image: Bad CRC

BOOT ROM image, bad crc

Software Version

ExtremeWare 7.3 and 7.4

Hardware Version

All

Explanation

The Cyclic Redundancy Check (CRC) of the downloaded file is different from the CRC stored in the image header that was transferred.

Action

Download the BootROM image again and check whether the problem exists with the new image.

If you see the problem again, contact Technical Support.

Updating BootROM Image

Updating BOOT ROM image

Software Version

ExtremeWare 7.4 and later

Hardware Version

All

Explanation

This message is logged before the switch starts updating the Flash with the BootROM image downloaded from the TFTP server.

Action

Informational only. No action needed.

BootROM Image: Wrong Magic

BOOT ROM image, wrong magic

Software Version

ExtremeWare 7.4 and 7.5

Hardware Version

All

Explanation

The switch expected a number at a particular offset of the BootROM image. But the downloaded image contains a different number at that offset.

This could be due to one of the following reasons:

- You have downloaded a wrong BootROM image.
- You have downloaded a corrupt BootROM image.

Action

Confirm that you have downloaded a BootROM image.

If the image is a BootROM image, confirm that you have downloaded the right image. If not, download the right BootROM image and see whether the problem persists.

If the problem persists, contact Technical Support.

PSU Output Ready

PSU-x output failure recovered

Software Version

ExtremeWare 6.2 and later

Hardware Version

BlackDiamond and Alpine

Explanation

The power cable is inserted properly into PSU. Typically this message is displayed after a PSU output failure is fixed.

Action

Informational only. No action needed.

Binding IP Address Information

Binding IP address 10.0.0.13 to vlan Default server: 10.0.0.1

Software Version

ExtremeWare 6.0 and later

Hardware Version

All

Explanation

The IP address received from the BOOTP server is bound to the default VLAN.

Action

Informational only. No action needed.

No Wireless Interface

Num wireless intfs=0, no AgentX requests sent

Software Version

ExtremeWare 7.3 and later

Hardware Version

Altitude 350, Altitude 350-2, and Summit WM series

Explanation

This message indicates that while creating or processing the MAC filters, the switch could not find any interface configured for wireless.

Action

Configure interfaces for wireless and then run the command.

File Type Mismatch

Image Transfer failed for Wireless port <port>. Reason: Image sent is not of A300 type. Resetting the wireless port

Software Version

ExtremeWare 7.6

Hardware Version

Summit 300-48, Summit 300-24, Summit 400-24p, Alpine

Explanation

The configured wireless port mode is ExtremeWare, but the file sent is of an unknown type.

Action

Copy the proper image to the TFTP server.

Latest Image Present in AP

No upgrade required from the network. AP connected to wireless port v:1 has latest runtime image. Loading image from AP FLASH

Software Version

ExtremeWare 7.6

Hardware Version

Summit 300-48, Summit 300-24, Summit 400-24p, Alpine

Explanation

The latest image is present in the flash. You do not need to upgrade the image.

Whenever the access point (AP) is reset, it checks the version of the image installed with the version of the image on the switch. If a higher version of the image is present on the switch, the AP upgrades the image present in the AP. If not, the AP displays this message.

Action

Informational only. No action needed.

TFTP Error on Wireless Port

Wireless port 1:3. Bootloader transfer failed. Reason : <TFTP error string> Resetting the wireless port.

TFTP Error string can be:

- Unknown host
- Server not reachable
- TFTP general error
- Checksum failed

Software Version

ExtremeWare 7.6

Hardware Version

Summit 300-48, Summit 300-24, Summit 400-24p, Alpine

Explanation

While the access point (AP) tried to get the image from the server, the TFTP failed due to one of the following reasons:

- Unknown Host
- Server not reachable
- TFTP general error
- Checksum failed

Action

Verify that both of these conditions are met:

- The file you want to transfer is in the TFTP server.
- The access point is connected to the TFTP server.

TFTP Error – Failed to clear Image on Flash

Clearing AP's flash image failed for port v:10.Error in TFTP. Falling to runtime in flash

Software Version

ExtremeWare 7.6

Hardware Version

Summit 300-48, Summit 300-24, Summit 400-24p, Alpine

Explanation

This message indicates that the access point failed to clear the runtime image on the Flash because of issues in the TFTP transfer. The access point boots up from the image in the Flash.

Action

Verify that both of these conditions are met:

- The file you want to transfer is in the TFTP server.
- The access point is connected to the TFTP server.

Wireless Port Version Conflict

Wireless port <port> Version conflict found in transferred <filetype>. Proceeding to next file type.

filetype : bootstrap (or) bootloader

Software Version

ExtremeWare 7.6

Hardware Version

Summit 300-48, Summit 300-24, Summit 400-24p, Alpine

Explanation

The Flash has the latest image. The access point (AP) proceeds to next file type.

The AP loads the images in the following order:

- 1 POST
- 2 Bootstrap
- 3 Bootloader
- 4 Runtime

If the current file is bootstrap file, the AP proceeds to the bootloader file. If current file is the bootloader file, the AP proceeds to the runtime file.

Action

Informational only. No action needed.

Writing Runtime Image to Flash

A300 connected to wireless port <port> started writing runtime onto flash. DO NOT DISCONNECT A300 or REMOVE ITS POWER until upgrade completes.

Software Version

ExtremeWare 7.6

Hardware Version

Summit 300-48, Summit 300-24, Summit 400-24p, Alpine

Explanation

The access point (AP) has started to write the runtime image to its flash. Disconnecting the AP or removing the power supply while writing the image to the flash can corrupt the AP.

Action

Informational only. No action needed.

Wireless Port Version Mismatch: TFTP Failed

```
TFTP failed : Version mismatch for wireless port <port>.But since image type is  
<filetype>, proceeding to next file type  
filetype : bootstrap (or) bootloader
```

Software Version

ExtremeWare 7.6

Hardware Version

Summit 300-48, Summit 300-24, Summit 400-24p, Alpine

Explanation

This message indicates that the version information sent by the switch and the version information of the image found in the TFTP server does not match. Since the file type is bootstrap or bootloader, the access point continues to load the next file type.

Action

Verify whether the TFTP server has the latest image.

PSU-x Output Failed

PSU-x output failure

Software Version

ExtremeWare 6.2 and later

Hardware Version

All

Explanation

The PSU is installed on the chassis, but the power cable is not connected properly.

Action

Insert the power cable properly.

PSU-A Installed

PSU-A installed

Software Version

ExtremeWare 6.2 and later

Hardware Version

All

Explanation

The message indicates that a power supply unit has been installed on the switch.

Action

Informational only. No action needed.

MAC Address Found In MAC Filter Table

```
findMACFilterEntry: mac add <mac address>, stored mac <mac address>, <entry num>
```

Software Version

ExtremeWare 7.3 and later

Hardware Version

Altitude 350, Altitude 350-2, and Summit WM series

Explanation

The mac filter allows you to specify a group of MAC addresses. The filter can be applied to one or more ports and permit or deny action can be specified for the filter.

This message indicates that the specified mac address was found in the macFilter table.

Action

Informational only. No action needed.

Card In Blank State

```
<Info:SYST> BLANK state: Card(%d) msgType=%d arg0=%d arg1=%d
```

Software Version

ExtremeWare 7.3

Hardware Version

BlackDiamond

Explanation

The message indicates that the card is in BLANK state.

Action

Informational only. No action needed.

Card Type Not Supported

<Info:SYST> This cardtype not supported in 3802. Leaving powered down

Software Version

ExtremeWare 7.3

Hardware Version

BlackDiamond

Explanation

The message indicates that the card is not supported. The card is left in powered down state.

Action

Contact Technical Support.

Power Up Card

<Info:SYST> Power up card <cardno>

Software Version

ExtremeWare 7.3

Hardware Version

BlackDiamond

Explanation

The message indicates that the card is being powered up.

Action

Informational only. No action needed.

No Power To Support Card

<Info:SYST> System does not have enough power left to support card <cardno>

Software Version

ExtremeWare 7.3

Hardware Version

BlackDiamond

Explanation

The message indicates that the system is not able to power up the card because the available power is not adequate to power up the card.

Action

- 1 Check the power supply.
- 2 If necessary, replace power supply units.
- 3 If the problem persists, contact Technical Support.

Power Down Card

<Info:SYST> Power down card <cardno>

Software Version

ExtremeWare 7.3

Hardware Version

BlackDiamond

Explanation

The message indicates that the card is being powered down due to one of the following reasons:

- No power in the switch.
- Card incompatible with the current configuration.
- Health check failed for the card and the health check action is configured to move the card state to power down.

Action

Reboot the switch. If the error appears again, contact Technical Support.

Card In Prestart State

```
<Info:SYST> PRESTART state: Card(%d) msgType=%d arg0=%d arg1=%d
```

Software Version

ExtremeWare 7.3

Hardware Version

BlackDiamond

Explanation

The message indicates that the card is in PRESTART state.

Action

Informational only. No action needed.

Card Set To Fail State

<Info:SYST> Set card <cardno> to FAIL

Software Version

ExtremeWare 7.3

Hardware Version

BlackDiamond

Explanation

The message indicates that the card is moved to failed state because the diagnostics failed or the card is not compatible.

Action

Reboot the switch. If the error appears again, contact Technical Support.

Card Set To Power Down

<Info:SYST> Set card <cardno> to POWERDOWN

Software Version

ExtremeWare 7.3

Hardware Version

BlackDiamond

Explanation

The message indicates that the card has been removed from the switch and the card state is moved to power down.

Action

Informational only. No action needed.

Slot Disabled

<Info:SYST> Slot <slotno> is disabled

Software Version

ExtremeWare 7.3

Hardware Version

BlackDiamond

Explanation

The message indicates that the user has disabled the slot.

Action

Informational only. No action needed.

Total Number of Cards Powered UP

<Info:SYST> Set card <cardno> to START total power up cards: <num cards>

Software Version

ExtremeWare 7.3

Hardware Version

BlackDiamond

Explanation

The message indicates that a new card has been inserted in the switch. The message also provides information on the total number of cards that are powered up.

Action

Informational only. No action needed.

Upgrading Bootstrap: Do Not Remove Power

Upgrading bootstrap on wireless port %P. DO NOT DISCONNECT A300 or REMOVE ITS POWER until the bootstrap and bootloader upgrade completes

Software Version

ExtremeWare 7.5

Hardware Version

All

Explanation

The message indicates that the access point has started upgrading the bootstrap. You should not disconnect A300 or remove power until the upgrade is complete.

Action

Do not disconnect A300 or remove power until the upgrade is complete.

Upgrading Bootloader: Do Not Disconnect Power

Upgrading bootloader on wireless port %P. DO NOT DISCONNECT A300 or REMOVE ITS POWER until the bootloader upgrade completes.

Software Version

ExtremeWare 7.5

Hardware Version

All

Explanation

The message indicates that the access point has started upgrading the bootloader. You should not disconnect A300 or remove power until the upgrade is complete.

Action

Do not disconnect A300 or remove power until the upgrade is complete.

Operating With Reserve Power

The system is operating with reserve power

Software Version

ExtremeWare 7.5

Hardware Version

BlackDiamond

Explanation

The message indicates that the switch is operating on reserve power.

Action

Informational only. No action needed.

Bridge Learning: New Entry for Frame

LRNNEW: MAC=%M vid=%d PTAG=%x NPMi=%d

Software Version

ExtremeWare 7.3

Hardware Version

All

Explanation

The message indicates that the switch is adding a new entry in the bridge table for the current bridge-learning frame.

Action

Informational only. No action needed.

Bridge Learning: Changing Static Entry Failed

LRNCHG: Can't change static entry %d

Software Version

ExtremeWare 7.3

Hardware Version

All

Explanation

The message indicates that a static entry for this bridge learning frame already exists. The switch ignores the frame.

Action

Informational only. No action needed.

Bridge Learning: Updating Frame Entry

LRNCHG: MAC=%M vid=%d PTAG=%x

Software Version

ExtremeWare 7.3

Hardware Version

All

Explanation

The message indicates that an entry for this bridge learning frame already exists and the switch is updating the entry.

Action

Informational only. No action needed.

Switch Configuration Changed Using SNMP

Switch Configuration changed using SNMP

Software Version

ExtremeWare 7.5

Hardware Version

All

Explanation

The message indicates that the switch has received a successful SNMP set request.

Action

Informational only. No action needed.

Output Not in Mirror-card

```
outport is not in the mirrorCard exit! 0
```

Software Version

ExtremeWare 7.3

Hardware Version

BlackDiamond

Explanation

This message indicates that the mirror-port is not in the same slot as the mirrored port. Typically such a configuration will be prevented by the CLI interface.

Action

Reboot the system. If the error appears again, contact Technical Support.

Setting Card State Delayed

```
<Summ:SYST> Delay setting card <cardno> to REMOVAL  
<Summ:SYST> Delay setting card <cardno> to POWERDOWN  
<Summ:SYST> Delay setting card <cardno> to INSERTION  
<Summ:SYST> Delay setting card <cardno> to DISABLE
```

Software Version

ExtremeWare 7.3

Hardware Version

BlackDiamond

Explanation

The message indicates that the state transition will be delayed because the card diagnostics is in progress.

Action

Informational only. No action needed.

Card State Set To Mismatch

<Summ:SYST> Set card <cardno> to MISMATCH

Software Version

ExtremeWare 7.3

Hardware Version

BlackDiamond, "i" series

Explanation

The message indicates the card is moved to MISMATCH state due to one of the following reasons:

- Operational parameters of the stack does not match. Operational parameters include; License information, Software Versions and Platform type.
- The card type does not match the configured card type.

Action

If the card type does not match the configured card type, unconfigure the slot. This will move the card to the operational state.

If the operational parameters of the stack does not match, contact Technical Support.

Card State Set To Unknown

<Info:SYST> Set card <cardno> to UNKNOWN

Software Version

ExtremeWare 7.3

Hardware Version

BlackDiamond

Explanation

The message indicates that the card has failed due to one of the following reasons:

- Card is not recognized.
- Hardware error.

The card is placed in unknown state.

Action

Restart the switch. If the error appears again, contact Technical Support.

Converting Serial EEPROM To New Format

Converting serial EEPROM to new format

Software Version

ExtremeWare 7.5

Hardware Version

BlackDiamond

Explanation

The message indicates that the switch is converting the EEPROM format while initializing the platform.

Action

Informational only. No action needed.

EEPROM: Wrong Backplane Number

Backplane Number %d is wrong

Software Version

ExtremeWare 7.5

Hardware Version

BlackDiamond

Explanation

This message indicates that the EEPROM backplane number is out of range.

Action

Informational only. No action needed.

Output Not in Mirror-Card

ERROR: The buffer is not pdownload buffer in %s

Software Version

ExtremeWare 7.5

Hardware Version

BlackDiamond

Explanation

The message indicates that the switch has received a wrong pointer to the download buffer.

Action

Reboot the system. If the error appears again, contact Technical Support.

ESD Stopped

Already stopped

Software Version

ExtremeWare 7.2 and later

Hardware Version

All “i” series

Explanation

This message indicates that the EAPS super domain (ESD) has already been stopped.

You can change the shared ports domain mode from controller to partner or from partner to controller. When you change the mode or change the link-id, the ESD should be stopped and restarted.

Action

If the ESD is running, ignore this message. Use `show eaps` command to check the status of EAPS shared port.

If the EAPS domain is not configured, EAPS shared port will be in down state. Configure the EAPS and then check the status of the shared port.

ESD Started

Already started

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

The message indicates that the EAPS super domain (ESD) has already been started.

You can change the shared ports domain mode from controller to partner or from partner to controller. When you change the mode or change the link-id, the esd domain should be stopped and restarted.

Action

If the EAPS shared port domain is running, ignore this error message.

If the shared port domain is not running, verify the eaps domain configuration.

ESD Segment Timer Flag Set

Segment 2:1 - Seg-timer-failed-flag is Set

Software Version

ExtremeWare 7.2 and later

Hardware Version

All “i” series

Explanation

This message indicates that EAPS super domain (ESD) segment timer flag is set because the segment port could not receive segment health check PDU.

Action

Check the link status in the EAPS ring topology.

ESD Segment Timer Flag Cleared

Segment 2:1 - Seg-timer-failed-flag is Clear

Software Version

ExtremeWare 7.2 and later

Hardware Version

Version

Explanation

This message indicates that the EAPS super domain (ESD) segment timer flag is cleared because the EAPS received a segment health check message.

Action

Informational only. No action needed.

Neighbor Reachable

Neighbor reachable

Software Version

ExtremeWare 7.2 and later

Hardware Version

All “i” series

Explanation

The message indicates that the EAPS super domain (ESD) controller and partner have recognized each other.

Action

Informational only. No action needed.

Link Down PDU Not Processed

Not processing Link-Down-Pdu, because linkId %d matches our own

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

The message indicates that the link-down-pdu was not processed because the link-id of the link-down-pdu matches the link-id of the EAPS super domain (ESD) instance.

This also indicates that the link-down-pdu is from a neighbor and the shared port of the neighbor is down. The EAPS process already learnt this information.

Action

Informational only. No action needed.

Processing Link Down PDU

Processing Link-Down-Pdu on segment-port 2:1

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

The message indicates that the switch is processing the link-down-pdu from the segment because the link-id does not match the link-id of the EAPS super domain (ESD) instance.

The link-down-pdu will not be processed if the link-id of the link-down-pdu matches the link-id of the ESD instance.

Action

Check the link status in the EAPS segment and see whether any link is down.

Segment Timer Expired

EAPS Shared Port : Segment timer expired for segment 2:1

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

The message indicates that the segment timer has expired for the segment 2:1.

The controller and partner exchanges segment health check messages to inform each other that the segment is alive. This timer expires if the segment health check message does not reach the controller or partner.

Action

Check whether any segment port link is down.

ESD Domain Blocked

EAPS domain blocking on segment port 2:1, while the Shared-port segment status is up. Setting port to forwarding. (Check neighbor)

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

The message indicates that the EAPS super domain (ESD) is blocked on segment port 2:1 while the shared port segment status is up. The port is set to forwarding state.

Action

Check the neighbor switch.

Check whether any segment port link is down.

Shared Port Status Changed to Blocking, from Ready

EAPS Shared-port 1:1 - State transition from Ready => Blocking

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

The message indicates that the shared port state has changed from ready to blocking. This could be because the shared port link is down.

Action

Check the status of the shared link.

Shared Port Status Changed to Preforwarding, from Blocking

EAPS Shared-port 1:1 - State transition from Blocking => Preforwarding

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

The message indicates that the port status has been moved from blocking to preforwarding.

When the common link is up after a down state, the controller moves from blocking state to preforwarding state. While in preforwarding state, the ports will be blocked. This will prevent the formation of a temporary loop.

Action

Informational only. No action needed.

Shared Port Status changed to Ready, from Preforwarding

EAPS Shared-port 1:1 - State transition from Preforwarding => Ready

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

The message indicates that the port status has been changed from preforwarding to ready.

When the common link is up after a down state, the controller moves from blocking state to preforwarding state. While the switch is in preforwarding state, the ports will be blocked thus preventing the formation of a temporary loop. After the EAPS has converged and the EAPS master has blocked its own secondary port, the ESP controller moves all its ports to forwarding state and moves back to the ready state.

Action

Informational only. No action needed.

Shared Port Status Changed to Ready, from Idle

EAPS Shared-port 1:1 - State transition from Idle => Ready

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

The message indicates that the shared port state has changed from idle to ready.

Initially the shared port will be in idle state. After the controller and partner recognize each other, the state changes to ready.

Action

Informational only. No action needed.

Shared Port Status Changed to Ready, from Blocking

EAPS Shared-port 1:1 - State transition from Blocking => Ready

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

The message indicates that the shared domain state has changed from blocking to ready. This might occur when the shared port link status changed to up, from down.

Action

Check the shared port link status.

Segment Port Status Changed to Down, from Up

EAPS Shared-port 1:1 - Segment-port 2:1 state transition from Up => Down

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

The message indicates that the ESP segment port state has changed to down, from up.

This could be due to any of the following reasons:

- The segment port is down.
- The segment has not received the EAPS share port message.

Action

Check the status of the shared port segment.

Segment Port Status Changed to Up, from Down

EAPS Shared-port 1:1 - Segment-port 2:1 state transition from Down => Up

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

ESP Segment port status has changed to up, from down.

The port state change could be due to one of the following reasons:

- The segment port state has changed to up, from down.
- The segment has started receiving the messages.

Action

Informational only. No action needed.

Shared Port Status Changed to Up, from Down

EAPS Shared-port 1:1 - Shared-port state transition from Down => Up

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

EAPS Shared port status has changed to up, from down.

Action

Informational only. No action needed.

Shared Port Status Changed to Down, from Up

EAPS Shared-port 1:1 - Shared-port state transition from Up => Down

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" series

Explanation

EAPS Shared port status has changed to down, from up.

Action

Check the link state of shared port.

EAPSD: Received PDU RingDown Flush FDB PDU

EAPS: EAPSD eaps2a - Received PDU RingDown-FlushFdb-Pdu , [MAC=00:01:30:3b:27:00]

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" and "e" series

Explanation

This message indicates that the switch is a transit node and the master node has detected an EAPS ring failure. EAPS master node sends a FlushFDB PDU when it detects a ring failure; all the transit nodes receive and process this PDU.

Action

Verify the EAPS ring and make sure that all ports are up.

EAPSD: Received Ring UP Flush FDB PDU

EAPS: EAPSD eaps2a - Received PDU RingUp-FlushFdb-Pdu , [MAC=00:01:30:3b:27:00

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" and "e" series

Explanation

This message indicates that the switch is a transit node and the master node has detected an EAPS ring up. The master node sends a FlushFDB PDU when it detects that the ring is up. All the transit nodes receive and process the PDU.

Action

Verify the EAPS ring and check whether any port is up.

EAPSD: Received Link Up PDU

EAPS: EAPSD eaps2a - Received PDU Link-Up-Pdu , [MAC=00:01:30:3b:27:00]

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" and "e" series

Explanation

This message indicates that the EAPS node, master or transit, has received a link up PDU from another node. EAPS nodes send Linkup-PDU to its neighbors when the EAPS ports, primary or secondary, are up.

Action

Verify whether the EAPS port is coming up in EAPS ring.

EAPSD: Received Link Down PDU

EAPS: EAPSD eaps2a - Received PDU Link-Down-Pdu , [MAC=00:01:30:3b:27:00]

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" and "e" series

Explanation

This message indicates that the EAPS node, master or transit, has received a link down PDU from another node.

EAPS node sends Linkdown-PDU to the neighbor nodes if the EAPS ports, primary or secondary, are down.

Action

Check if EAPS port is going down in EAPS ring.

EAPSD: Received Query Link Status PDU

EAPS: EAPSD eaps2a - Received PDU Query-Link-Status-Pdu , [MAC=00:01:30:3b:27:00]

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" and "e" series

Explanation

This message indicates that the transit node has received a query link status PDU from the neighbor switches. The EAPS master node sends this PDU to find the status of the links in the ring when the failtimer expires. EAPS master might have lost the linkdown PDU from the transit nodes because of various reasons.

The transit node, on receiving this PDU from the master, verifies its link status and then sends the link up or link down PDU to the master.

Action

Check the link status of the EAPS ports in the ring.

EAPSD: Received Health PDU, Ring State Complete

EAPS: EAPSD eaps1a - Received Health-Pdu, Ring state Complete. State is Link-Down

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" and "e" series

Explanation

This message indicates that one of the EAPS port, primary or secondary, is down but the ring is complete through the other port.

The message appears if the transit node receives the health check PDU from the master, but one of the EAPS port is down.

Action

Check the status of the EAPS ports in the ring.

EAPSD: Received Health PDU on Primary Port

EAPS: EAPSD eaps1a - Received Health-Pdu on Primary port (1:1)

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" and "e" series

Explanation

This message indicates that the EAPS Master has received a health check PDU on the primary port.

Usually EAPS Master sends Health check PDU on the primary port and receives on the secondary port if the ring is complete. The Health-PDU sends and receives on same port if there is a loop in the network.

Action

Check whether there is a loop in the network.

EAPSD: State Transition to Down, from Up

EAPS: EAPSD eaps-up - 1:1 state transition from Up => Down

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" and "e" series

Explanation

This message indicates that the EAPS ports, primary or secondary, has moved to down, from up.

Action

Check the link status of the EAPS port.

EAPSD: State Transition to Unknown, from UP

EAPS: EAPSD eaps-up - 1:1 state transition from Up => Unknown

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" and "e" series

Explanation

This message indicates that the EAPS domain is in disabled state.

If you disable an active EAPS domain, the primary and secondary port status will be set to unknown.

Action

Informational only. No action needed.

EAPSD: State Transition to Up, from Down

EAPS: EAPSD eaps1a - 1:1 state transition from Down => Up

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" and "e" series

Explanation

This message indicates that the EAPS ports, primary or secondary, are getting started.

Action

Check the link status of EAPS ports.

EAPSD: State Transition to Blocked, from Down

EAPS: EAPSD eaps1b - 6:1 state transition from Down => Blocked

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" and "e" series

Explanation

This message indicates that the EAPS port came up but found that other EAPS ports are already in up state. To avoid a loop, the port is blocked.

Action

- 1 Check the link status of EAPS ports.
- 2 Make sure one port is in up state and other ports are in blocking state.

EAPSD: State Transition to Unknown, from Blocked

EAPS: EAPSD eaps-up - 4:2 state transition from Blocked => Unknown

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" and "e" series

Explanation

This message indicates that the EAPS domain is disabled.

If you have disabled the EAPS domain, the primary and secondary port status is set to unknown. The port moves from blocking state to unknown state.

Action

Informational only. No action needed.

EAPSD: State Transition to Up, from Blocked

EAPS: EAPSD eaps2a - 1:1 state transition from Blocked => Up

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" and "e" series

Explanation

The message indicates that the port has moved from the blocking state to UP.

In EAPS master node, if the primary and secondary ports are up, the secondary port will be in blocking state. When the primary port goes down, the secondary port is moved from the blocking state to UP state or open state.

In EAPS transit node, if the transit node detects that a failed links has moved to up state, the node will put the port in blocking state until it gets a Flush PDU from the master node.

Action

Check the links status in EAPS ring.

EAPSD: State Transition to Up, from Unknown

EAPS: EAPSD eaps-up - 1:1 state transition from Unknown => Up

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" and "e" series

Explanation

This message indicates that the EAPS domain is enabled.

Initially, the port state will be in unknown state and the state moves to UP after the EAPS domain is enabled and the physical link status is UP.

Action

Check the state of EAPS domain.

EAPSD: State Transition to Link Down, from Links Up

EAPS: EAPSD eaps1a - State transition from Links-Up => Link-Down

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" and "e" series

Explanation

This message indicates that in the EAPS transit node, the physical link status of the EAPS port is being moved to down from the up state.

This message appears on EAPS transit node only.

Action

Check the link status on transit eaps node.

EAPSD: State Transition to Preforwarding, from Link Down

EAPS: EAPSD eaps1a - State transition from Link-Down => Preforwarding

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" and "e" series

Explanation

This message indicates that in the EAPS transit node, the EAPS port is transitioning from the link down (physical link down) to the UP state. The port will be placed in preforwarding state or blocking state until the EAPS domain receives FLUSH PDU from the EAPS master. The ports need to be placed in the preforwarding or blocking state to avoid a loop in the EAPS ring.

This message appears on EAPS transit node only.

Action

Check the link status on EAPS transit node.

EAPSD: State Transition to Links Up, from Preforwarding

EAPS: EAPSD eaps1a - State transition from Preforwarding => Links-Up

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" and "e" series

Explanation

This message indicates that the EAPS port is transitioning to Up state from the link down (physical link down) state. The EAPS transit node has received a FLUSH PDU from the EAPS master, and the node is moving the port state from preforwarding to link up.

To avoid a loop in the EAPS ring, the ports are placed in the preforwarding or blocking state till it receives a Flush PDU from the EAPS master.

This message appears on EAPS transit node only.

Action

Check the link status on EAPS transit node.

EAPSD: State Transition to Idle, from Complete

EAPS: EAPSD eaps-up - State transition from Complete => Idle

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" and "e" series

Explanation

This message indicates that EAPS master domain was disabled. EAPS master will move to Idle state from complete state.

EAPS master can be in any of the following states:

- INIT
- IDLE
- FAILED
- COMPLETE

If the EAPS ring does not have any failures, the EAPS master domain will be in complete state. While in complete state, the EAPS master receives health check PDU on the secondary port.

Action

Check the EAPS domain state on master node.

EAPSD: State Transition to Failed, from Complete

EAPS: EAPSD eaps-up - State transition from Complete => Failed

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" and "e" series

Explanation

This message indicates that the EAPS master domain has failed. EAPS master is moved to failed state if any of the port on the EAPS ring is down and the EAPS master is not able to receive the health check PDU on the secondary port.

EAPS master can be in any of the following states:

- INIT
- IDLE
- FAILED
- COMPLETE

If the EAPS ring does not have any failures, the EAPS master domain will be in complete state. While in complete state, the EAPS master receives health check PDU on the secondary port.

Action

Check the link status in the EAPS ring.

EAPSD: State Transition to Init, from Idle

EAPS: EAPSD eaps-up - State transition from Idle => Init

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" and "e" series

Explanation

This message indicates that the EAPS master domain is enabled and the port ring ports are in up state.

The EAPS master can be in any of the following states:

- INIT
- IDLE
- FAILED
- COMPLETE

Action

Informational only. No action needed.

EAPSD: State Transition to Failed, from Idle

EAPS: EAPSD eaps1a - State transition from Idle => Failed

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" and "e" series

Explanation

This message indicates that the EAPS master domain is enabled and one of the port ring port is down or both the ports are down.

The EAPS master can be in any of the following states:

- INIT
- IDLE
- FAILED
- COMPLETE

Action

Check the ring ports status on EAPS master node.

EAPSD: State Transition to Links Up, from Idle

EAPS: EAPSD eaps2a - State transition from Idle => Links-Up

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" and "e" series

Explanation

This message indicates that the EAPS transit domain is enabled and both the ring ports are up.

The EAPS transit can be in any of the following states:

- IDLE
- LINK-UP
- LINK-DOWN
- PREFORWARDING

Action

Informational only. No action needed.

EAPSD: State Transition to Complete, from Init

EAPS: EAPSD eaps-up - State transition from Init => Complete

Software Version

ExtremeWare 7.2 and later

Hardware Version

All “i” and “e” series

Explanation

This message indicates that the EAPS master has moved to complete state. The EAPS master moves to complete state when the EAPS master is in Init state, both the ring ports are up, and the EAPS master receives the health check PDU on the secondary port.

The EAPS master can be in any of the following states:

- INIT
- IDLE
- FAILED
- COMPLETE

Action

Informational only. No action needed.

EAPSD: State Transition to Failed, from Init

EAPS: EAPSD eaps-up - State transition from Init => Failed

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" and "e" series

Explanation

This message indicates that the EAPS master has moved to Failed state from Init state.

EAPS master moves to failed state from init state if:

- The EAPS master receives Link-Down PDU from the Transit switches.
- The EAPS master receives Ring-port Down from lower layers
- The Fail timer expired because the switch did not receive the HealthCheck PDU.

The EAPS master can be in any of the following states:

- INIT
- IDLE
- FAILED
- COMPLETE

Action

Check the ring port status in the EAPS ring.

EAPSD: State Transition to Init, from Failed

EAPS: EAPSD eaps1a - State transition from Failed => Init

Software Version

ExtremeWare 7.2 and later

Hardware Version

All “i” and “e” series

Explanation

The message indicates that the EAPS master has moved to Init state from failed state. The EAPS master moves to init state if both the ring ports are up, but the health check PDU is not received on the secondary port.

The EAPS master can be in any of the following states:

- INIT
- IDLE
- FAILED
- COMPLETE

Action

Informational only. No action needed.

EAPSD: State Transition to Complete, from Failed

EAPS: EAPSD eaps1a - State transition from Failed => Complete

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" and "e" series

Explanation

This message indicates that the EAPS master has moved to complete state from failed state. The EAPS master moves to complete state when both the ring ports are up and it receives health check PDU on the secondary port.

The EAPS master can be in any of the following states:

- INIT
- IDLE
- FAILED
- COMPLETE

Action

Informational only. No action needed.

EAPSD: State Transition to Idle, from Failed

EAPS: EAPSD eaps1a - State transition from Failed => Idle

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" and "e" series

Explanation

The message indicates that the EAPS master has moved to idle state from failed state. The EAPS master moves to idle state when the user stops the EAPS domain.

EAPS master can be in any of the following states:

- INIT
- IDLE
- FAILED
- COMPLETE

Action

Check whether any one has disabled the EAPS master domain.

EAPSD: Link Down State Not Changed

EAPS: EAPSD eaps1a - Link-Down State unchanged

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" and "e" series

Explanation

This message indicates that the EAPS transit domain has moved to link-down state. The EAPS transit domain moves to link-down state if any of the ring port is down. The message appears if any port is moving to down state while another ring port is already down.

The EAPS transit domain can be in any of the following states:

- IDLE
- LINK-UP
- LINK-DOWN
- PREFORWARDING

Action

Check the link status of ring ports on EAPS transit node.

EAPSD: Preforward Timer Expired

EAPS: EAPSD eaps1b - Preforward-timer expired

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" and "e" series

Explanation

This message indicates that the preforwarding timer has expired and the port is about to open.

The EAPS port is moving to up state from link-down (physical link down) state. The port will be in preforwarding or blocking state till it receives the flush PDU from the EAPS master or till the preforwarding timer expires. The preforwarding or blocking state prevents loops on EAPS ring.

Action

- Check why the EAPS Transit node did not receive the flush PDU before the preforwarding timer expired.
- Adjust the timer, if needed.

EAPSD: Fail Timer Expiry Flag Set

EAPS: EAPSD eaps-up - Fail-timer-exp flag set

Software Version

ExtremeWare 7.2 and later

Hardware Version

All "i" and "e" series

Explanation

This message indicates that the EAPS master domain has set the fail timer expiry flag. The flag is set if the fail timer expired; if the EAPS ring is broken and it is not able to receive the health check PDU.

Action

Check the link status in EAPS ring.

EAPSD: Fail Timer Expiry Flag Cleared

EAPS: EAPSD eaps-up - Fail-timer-exp flag cleared

Software Version

ExtremeWare 7.2 and later

Hardware Version

All “i” and “e” series

Explanation

This message indicates that the EAPS Master domain has cleared the fail timer flag. The message appears when the EAPS ring link is restored and the EAPS master starts receives the health check PDU on the secondary port.

The EAPS master domain set the fail timer expiry flag if the fail timer is expired, if the EAPS ring is broken and the EAPS master domain is not able to receive the health check PDU.

Action

Informational only. No action needed.

Bootloader Upgrade Complete

bootloader upgrade done. New image will be loaded when AP reboots

Software Version

ExtremeWare 7.7

Hardware Version

All

Explanation

The message indicates that the bootloader was upgraded successfully.

Action

This is informational only. No action needed.

Bootloader Upgrade Failed

Upgrade bootloader failed. AP has the latest version.

Software Version

ExtremeWare 7.7

Hardware Version

All

Explanation

The message indicates that upgrading the bootloader, while the access point is online, failed because the AP already has the latest version.

Action

This is informational only. No action needed.

Stack Reconverged

Stack Reconverged : IP 0.0.0.0 Current mac 00:04:96:1f:1f:e7 Prev mac 00:04:96:1f:1f:e6

Software Version

ExtremeWare 7.7

Hardware Version

All

Explanation

The message indicates that the stack manager failed and the stack has reconverged with the new stack manager.

Action

Check the reason for the failure. Contact Technical Support if the failure is due to watch dog reboot or a system crash.

Secondary Radius Server Selected

Secondary Radius server selected at <ip address>

Software Version

ExtremeWare 7.8

Hardware Version

All

Explanation

This message informs that the secondary radius server selected for authentication is at <ip address>.

Similarly, in case of Radius Accounting server, the message is displayed as:

Secondary Accounting server selected at <ip address>

Action

This is informational only. No action needed.

Primary Radius Server Selected

Primary Radius server selected at <ip address>

Software Version

ExtremeWare 7.8

Hardware Version

All

Explanation

This message informs that the primary radius server selected for authentication is at <ip address>.

Similarly, in case of Radius Accounting server, the message is displayed as:

Primary Accounting server selected at <ip address>

Action

This is informational only. No action needed.

Radius Receive Time Out

RADIUS: Receive timed out %d times, retrying

Software Version

ExtremeWare 7.8

Hardware Version

All

Explanation

This message indicates the number of times the radius server has timed out to respond to the switch.

Similarly, in case of Radius Accounting server, the message is displayed as:

RADIUS: Receive timed out %d times, retrying

Action

This is informational only. No action needed.

Invalid Message Authenticator

Invalid Message Authenticator

Software Version

ExtremeWare 7.8

Hardware Version

All

Explanation

This message informs that the message authenticator value received is an invalid and the user is not authenticated.

Action

Verify whether the radius server is configured correctly and then retry.

User Authenticated by Radius Server

RADIUS: User <user> session <Session ID> mac <MAC address> was successfully authenticated by radius <Ip address>

Software Version

ExtremeWare 7.8

Hardware Version

All

Explanation

This message informs that the radius server at <ip Address> authenticated the user <user> whose mac is <mac address> and the session ID <session ID> successfully

Action

This is informational only. No action needed.

Nonexistent Radius User or Wrong Password

RADIUS: User %s does not exist or incorrect password

Software Version

ExtremeWare 7.8

Hardware Version

All

Explanation

This message shows that the user <user> does not exist in the users list at the radius server or the password is incorrect.

Action

Check if the username and password is correct at the user end. If the user name and password is correct, then verify whether the user is listed in the radius server.



8 Debug Messages

Debug messages are informational only to track software defects and does not require corrective action.

Check the “Issues Resolved In” sections in the latest *ExtremeWare Installation and Release Notes* to see if the error message indicates an issue that has been corrected in a recent software release.

100 Messages Queued

```
<DEBUG:GARP> 100 messages queued
```

Software Version

ExtremeWare 4.1.x

Hardware Version

All “i” series

Explanation

This message indicates that the system found more than 100 Generic Attribute Registration Protocol (GARP) messages queued up for processing.

The system queues up the GARP message for processing. The software checks the length of the GARP message queue after processing each individual message. If it finds that the queue length exceeds 100, this message is printed out.

Action

This message by itself does not indicate a problem. If the message occurs continuously, check the following:

- Possible flooding of GARP messages from some network entity (For example other GVRP switches).
- Busy CPU. Use the `top` command or look for other messages in the log that indicate that the CPU was busy on other tasks.

Failed to Add Address

<DEBUG:SYST> Failed to add 224.0.1.35/139.78.97.27/f7 to ipmc fdb

Software Version

ExtremeWare 6.1.x

Hardware Version

All "i" series

Explanation

This message indicates that the maximum limit of 256K entries in the FDB has been met. There is no available space to add the multicast flow for the multicast address (224.0.1.35) coming from the source address (139.78.97.27) in the VLAN ID hex F7.

Action

Verify the size of the FDB tables. On the CLI, using the `show ipfdb` and `show fdb` commands. Use these commands as soon as possible after you receive the error, as entries age.

If the table size limits are being reached, re-design the network to reduce the number of FDB entries.

Invalid Destination

<DEBUG:RIP > invalid dest 172.25.42.227 of route from 172.25.42.185 (af 2)

Software Version

ExtremeWare 2.x and 4.x

Hardware Version

All Summit chipset products

Explanation

This message (af 2) indicates that it is a normal internal debug message. Anything other than af 2 indicates a problem.

Action

No action is necessary.

MAC Based VLAN

```
<DEBUG:BRDG> MACVLAN_STATE_CHANGE: Port 3:14--> MEMBER_VLAN  
<DEBUG:BRDG> MACVLAN_ADDPORT: adding port 3:14 to vlantechnical
```

Software Version

All ExtremeWare versions

Hardware Version

All

Explanation

These messages indicate that a port (port 3:14) was removed from a VLAN (MACVLANDiscover) and has been added to another VLAN (vlantechnical). This occurs because the port is enabled to use the MAC-based VLAN algorithm.

Action

No action is necessary.

pqmWaitKill Failed

```
<DEBUG:KERN> pqmWaitKill Failed. Card 1CntlReg=0xff.  
<DEBUG:KERN> killPacket: HW pqmWaitRx failed
```

Software Version

All ExtremeWare versions

Hardware Version

BlackDiamond

Explanation

These messages indicate that an I/O module was removed while the CPU was trying to read packets from it.

Action

No action is necessary.

PTAG Error, NGDelCard

```
<DEBUG:SYST> last message repeated 8 times  
<DEBUG:SYST> ptagNGDelCard: ngotp.c 490
```

Software Version

ExtremeWare 4.x

Hardware Version

BlackDiamond

Explanation

These messages indicate that the MSM(s) are not able to communicate with the I/O module(s).

Action

Check the system and look for any other log messages. Contact Technical Support to help isolate the problem.

QuakeWaitPbut2CacheXfer Failed

<DEBUG:KERN> quakeWaitPbuf2CacheXfer Failed. Card 0 Ctl=0x20000.

Software Version

ExtremeWare 6.1.7b9

Hardware Version

Summit5i

Explanation

This message indicates that there is a transient failure in the driver.

If this indicated a hardware problem, the log message would be: quakeWaitPbuf2CacheXfer Failed. Card 0 is removed.

Without the second part of message, the failure is just temporary.

Action

If this error occurs only once in the log, no action is necessary.

If the error occurs repeatedly, capture the log and contact Technical Support.

Recv Buffers Not Empty

<DEBUG:PORT> Recv buffers not empty on slot 3 port 18 mask 13d

Software Version

ExtremeWare 4.x

Hardware Version

BlackDiamond and Summit

Explanation

This message indicates that the switch was not able to remove frames from the MAC hardware. You can see this message when a port comes up or if the link transitions. The symptom might accompany connectivity loss on the ports.

Action

Check the log to see if there are link transitions.

If the error accompanies either network connectivity loss on the port, or a diagnostics failure on the system, RMA the switch and module as necessary.

If the problem is not accompanied by connectivity loss, and system diagnostics are clean, then it is a cosmetic message and will not cause network problems.

If you are using ExtremeWare 4.1.19b2 and earlier, upgrade to the latest software.

RIP/VLSM

```
<INFO:RIP> ripSupply: Error 51 sending msg  
<DEBUG:RIP> sendto: S_errno_ENETUNREACH dst 150.43.246.127  
<INFO:RIP> ripSupply: Error 51 sending msg  
<DEBUG:RIP> sendto: S_errno_ENETUNREACH dst 150.43.246.31
```

Software Version

All ExtremeWare versions

Hardware Version

All

Explanation

These messages indicate that you are trying to implement VLSM with RIP1.

Action

Check network topology and ensure that the network is reachable. Configure interfaces for RIPv2 support.

Failed to Send IP FDB Age Message

Failed to send ip fdb age message

Software Version

ExtremeWare 7.3

Hardware Version

All "i" series and "e" series

Explanation

The message indicates that the switch failed to send the IP FDB age message because of an error in the ageing process.

Action

If you see the message repeatedly, reboot the switch.

If the reboot does not fix the problem, contact Technical Support.

Failed to Send FDB Age Message

Failed to send fdb age message

Software Version

ExtremeWare 7.3

Hardware Version

All "i" series and "e" series

Explanation

The message indicates that the switch failed to send the FDB age message because of an error in the ageing process.

Action

If you see the message repeatedly, reboot the switch.

If the reboot does not fix the problem, contact Technical Support.

MAC Address Authenticated

RpFinishUrlSearch: mac <MAC address of the supplicant> already authenticated

Software Version

ExtremeWare 7.3

Hardware Version

All “i” series and “e” series

Explanation

Before a requested URL or path is matched with a predefined URL or path in the switch and the corresponding redirect page is sent to the supplicant, the switch verifies whether the supplicant, identified by the MAC address, is already authenticated or not.

This message indicates that the supplicant identified by the MAC address, is already authenticated.

Action

Informational only. No action needed.

RpSearchNetLoginRomObjectList: Searching for URL Path

RpSearchNetLoginRomObjectList: Searching for <URL/path specified in the supplicant>

Software Version

ExtremeWare 7.3

Hardware Version

All "i" series and "e" series

Explanation

This message indicates the path specified by the supplicant will be matched with the paths or pages predefined in the switch.

Action

Informational only. No action needed.

Requested URL Not Found

Did not find the requested URL RpSearchNetLoginRomObjectList <Index>

Software Version

ExtremeWare 7.3

Hardware Version

All “i” series and “e” series

Explanation

The URL specified in the supplicant does not match any of the URLs predefined on the switch.

The value of the index in the message indicates the number of predefined pages with which the requested URL has been matched.

Action

Check the URL or path specified in the supplicant.

Associated MAC Not Found

MAC Not found on slot 3 port 1 - val010000000 val1 10000000

Software Version

ExtremeWare 6.2 and later

Hardware Version

BlackDiamond and Alpine

Explanation

The switch could not find the MAC associated to port on slot 3.

Action

Run diagnostics to isolate the issue in the hardware. Reboot the system. If problem persists, contact Technical Support.

Conflicting IP Address – Route Ignored

Next Hop 172.31.128.254 in route 0.0.0.0 from 172.31.128.170 is a local next hop addr. Ignoring this route

Software Version

ExtremeWare 7.3 and later

Hardware Version

All

Explanation

If the next hop address of a route is same as that of the incoming interface IP address, the route will be ignored.

Action

Check if the next hop address of this route is same as that of the incoming interface IP address.

Card State Information

the current card state is Operational
the prev card state is Operational

Software Version

ExtremeWare 7.3 and later

Hardware Version

BlackDiamond

Explanation

The message indicates that the card state before handling card hardware failure due to control message timeout.

Action

Run diagnostics on the hardware. Contact Technical Support, if required.

Set Request Failed on OID

Internal error. Unknown request of type %d for function %s

Software Version

ExtremeWare 7.3 and later

Hardware Version

Altitude 350, Altitude 350-2, and Summit WM series

Explanation

This message indicates that a set request failed on the object ID.

Action

Verify that the set request being set is correct.

Invalid Learn from NMC Card

LRNDROP: Invalid learn from NMC %d (%d)

Software Version

ExtremeWare 7.3 and later

Hardware Version

BlackDiamond

Explanation

The message indicates that the switch failed to read from the network management controller (NMC) card.

Action

- 1 Run diagnostics to identify the issues with NMC
- 2 Correct the issues with NMC.
- 3 Contact Technical Support, if required.

Access Violation: Packet Rejected

DVMRP: pkt rejected for Access violation

Software Version

ExtremeWare 7.3 and later

Hardware Version

All "i" series

Explanation

The message indicates that the source address in the DVMRP packet received either matches a configured trusted gateway entry with the action as deny/drop; or does not match any of the entries in the configured trusted gateway list on that interface.

If the default action is set to deny/drop and the packet does not match any entry, the packet would be dropped without processing.

Action

Informational only. No action needed.

IP DA installed In Hardware FDB Table

ipfdbLpmIpdaAdd: IPDA= <ip-addr> nhIP= <ip-addr>

Software Version

ExtremeWare 7.3

Hardware Version

All "i" series

Explanation

This message indicates that an IP DA is installed in the hardware FDB tables.



NOTE

This message is logged only when the debug logging is turned on. This message does not indicate an error.

Action

Informational only. No action needed.

No Matching Filter For VLAN-Port Combination

no matching filter for this vlan/port combo exit!

Software Version

ExtremeWare 7.3

Hardware Version

All “i” series and “e” series switches

Explanation

This message indicates that the switch encountered an error while updating the FDB on a port for which mirroring was enabled.

Action

Restart the switch. If the problem appears again, contact Technical Support.

FDB Updated On Port

```
port <port-no>(port-no) otp <otp-index> vlan <vlan-id> mac: <mac-address>
```

Software Version

ExtremeWare 7.3

Hardware Version

All “i” series and “e” series switches

Explanation

This message indicates that there was an event on the switch that updated the FDB on a port for which mirroring was enabled.



NOTE

This message is logged only when the debug logging is turned on. This message does not indicate an error.

Action

Informational only. No action needed.

Updating FDB On Port With Mirroring Enabled

running out of ptags exit! 0

Software Version

ExtremeWare 7.3

Hardware Version

All "i" series

Explanation

This message indicates that the switch encountered an error while updating the FDB on a port for which mirroring was enabled.

Action

Restart the switch. If the problem appears again, contact Technical Support.

Radius Authentication Request Sent

Radius authenticate request sent to <IP address> for <session type> session <session ID>

Software Version

ExtremeWare 7.8

Hardware Version

All

Explanation

This message informs that a radius request packet is sent to radius server at <IP address> for the session type<dot1x | telnet | mac | web> whose ID is <session ID>

Similarly, in case of Radius Accounting server the message is displayed as:
Radius Accounting request sent to <IP address> for <session type> session <session ID>.

Action

Informational only. No action needed.

Radius Unreachable or Incorrect Radius IP

Radius@ <IP Address> unreachable, incorrect radius IP or shared secret

Software Version

ExtremeWare 7.8

Hardware Version

All

Explanation

This message shows that the radius server configured at <ip address> is not reachable due to incorrect configuration of radius on the switch

Similarly, in case of Radius Accounting server, the message is displayed as:
Accounting Server@ <IP Address> unreachable, incorrect IP or shared secret

Action

Retry after verifying the IP address of the radius server and shared secret.

Packet Header

<PACKET SENT | PACKET RECEIVED>: Code%d:%s, Identifier %d, Length %d, Authenticator %s

Software Version

ExtremeWare 7.8

Hardware Version

All

Explanation

This message is the header of the packet that is sent or received

Action

Informational only. No action needed.

Attributes in the Packet

<PACKET SENT | PACKET RECEIVED>: Attribute: Type%d:%s, Length %d, Value %s

Software Version

ExtremeWare 7.8

Hardware Version

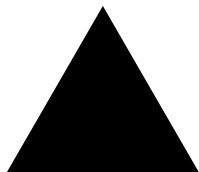
All

Explanation

This message displays each attribute that is present in the packet.

Action

Informational only. No action needed.



Index

Numerics

100 messages queued	939
3DNS version problem	623
802.1q tag does not exist	292

A

Access List	
instance for SSH	147
instance for Telnet	149
invalid ID	146
invalid pointer	145
Web	150
Access point	
too many announcements	704
Access Profile	
configuration entries restore failed	143
configuration entry restore failed	142
configuration restore failed	141
invalid index, Configuration	185, 186
unsupported attribute	378
unsupported type	383
ACK errors	550
ACL	
access rule does not exist	549
does not exist	663
address, failed to add	940
alert messages	43
ARP	
entry not found	456
Learning	231
ARP resolution	620

B

backplane decoder timeout	62
backup-msm	
shutdown	539
bandwidth	807
BDPU	
invalid header	612
invalid time values	619
invalid type	611
message send failed	661
send failed	660
BIF does not exist	634
blizzard error	557

Bogus memory block	457
Boot ROM	
version synchronization error	276
Bootloader	
not configured	713
upgrading	867
bootloader	
header update,failed	538
upgrade complete	929
upgrade failed	535, 537, 930
BootROM	
bad crc, image	840
updating image	841
version download error	275
writing, download in progress	710
wrong magic	842
Bootstrap	
not configured	713
upgrading	866
BPDU	
bad Ethernet type/length	553
malformed or bad length	554
mismatch	558
no MBufs	637
unknown TLV type	690
bracket buffer full	559
Bridge	
cannot create, maximum VLANs	380
creation failed	379
entry not found	745
learning, wireless client	394
Link to EAPSD exists	707
maximum VLANs	380
memory allocation failed	413
OTP block allocation	379
Bridge Learning	
frame dropped	724
frame,new	869
frame,updating	871
static entry	870
bridges	
ESRP enabled	594
ESRP enabled, action not possible	595
FDB delete failed	581
ID not assigned	560
no EAPSD links exist	635

no interface structure	293
no PTAG for port	674
unable to allocate memory	304
unassociated name	308
broadcast storms	71, 598, 773, 784
Btree insert failed	561
buckets	
non-expired	680
wrong	681
Buffer	
corrupted	747
bugs	
invalid situation	107
runtime	106
C	
Cable Diagnostics	
failed on port	47
cabling problems	45, 306, 592
cache problems	44
calibration	
data checksum error	60
data illegal	73
data updated	772
required on slot	96
required, programming failure	51
cards	
auto polling, disable	369
auto polling, enable	369
blank,state	856
cannot send	567
Error getting information	128
fail,state	862
internal links	373
invalid card type	395
invalid state	190
NMC, invalid learn	957
no card in slot	376
operational	955
power	858, 859
power down,state	863
power,down	860
powered up	865
prestart,state	861
removed	571
state change,delayed	874
state,mismatch	875
state,unknown	876
type,not supported	857
unsupported	374
unsupported GBIC	371
Caution icon, meaning	34
CFGDB	
SFLOW module	220
SFLOW port	221
write failure	220, 221
checksum	
calibration data	60
corrupted packets	160
CPU packet	53
CPU packet of 64	54
EDP failed	592
EDP packet	58, 572, 573
error on slot	159

exceeded threshold, fast path	189
external port	55
internal port	56
invalid event	191
motherboard	57
MSM	58, 572
ngRxFirst failed	356
PBus	70
PDU	573
slot	59
slots	572
slow-path on M-BRD	168
threshold	189
cipher, SSH	826
Configuration	
buffer,overwrite	126
errors	602
saving, downloading image	711
Configuration File	
download failed	124
size too large	127
connector problems	45, 592
Control Table	
Ping	205
Controller Event	
mode,partner	528
conventions, typographical	34
CPU	
busy	291
high utilization	71, 72, 784
message queue error	109
missing data	61
packet checksum error	53, 54
CRC	
BootROM image	840
checksum error	53
PBus error	295
critical messages	51
current	
below specification	767
over specification	768
D	
datagram fragment	577
daughter board connection	85
debug messages	939
decoder timeout	62
diagnostic failures	
card	161
cpu control timeout	163
invalid port speed	585
packet not sent	598
port	36
registry operation timeout	162, 164
slot	586
system	946
diagnostics	
AFC status timeout	183
cable diagnostic module management queue	322, 323
cable diagnostics, aborted	838
cable diagnostics, auto mode	838
cable diagnostics, manual mode	839
corrupted packet, CPU health check	187
failures	203, 211

manual diagnostics	325	EAPSD, stopping all domains	530
memory allocation failed	326	EAPSD, stopping domain	529
missed packets, CPU	192	enabling	776
Diffserv Examination		interface delete failed	579
resources	486	invalid instance	74
rules per port	486	invalid object ID	613, 614
DLCS	577	Master domain, state changed to Idle	786
DNS		Master domain, stopped	787
AP	484	Master node, changed to Init	790
server configuration	484	Master node, state changed to Complete	788
domains		Master node, state changed to Failed	789
already exists	587	Master, state changed to Complete	791
flush FDBs	811	maximum instances	78
Master, state changed to Idle	786	maximum limit	64
Master, stopped	787	maximum VLAN associations	79
maximum limit	64	no bridge links exist	635
problem stopping	655	no protected VLANs configured	638
ring Up, flush FDB	813	packets not sent	65
Transit, state changed to Idle	828	problems stopping domain	655
Transit, stopped	829	protected VLAN,no port	760
DOSprotect		task not running	591
filter precedence, conflicts	345	Transit domain, state changed to Idle	828
remove ACL	347	Transit domain, stopped	829
timeout, restarting ACL timer	346	Transit node, state changed to Down	830
Dot1D		Transit node, state changed to Links-Up	831, 832
active	728	unbinding VLAN	531
dot1dStpPortEntry	318	unknown message type	689
dropped bytes		unknown object	76
condition clear	588	VLAN, added	765
condition set	589	EAPS shared port	
DVMRP		not configured	761
access violation	737, 958	stopping domain	532
bad metric	734	unbinding from L2 domains	533
buffer allocation,failure	720	EAPS Shared-port	
circuit creation failed	404	add bridge interface,segment	492
creating, queue	410	add bridge interface,VLAN	493
creating, watch dog timer	409	add vlan	490
graft	742	blocking	889
group and source,graft	742	bridge interface	262, 750
invalid message type	405	bridge interface ,status	524
memory for NBR,allocating	739	bridge interface port	494
NBR,same IP	743	bridge interface, VLAN	495
no route	740	bridge interface,state	523
packet memory, allocation	408	bridge interface,status	522, 525
packet memory,allocating	738	control VLAN interface	497
packet rejected	958	delete VLAN	491
PDU, message queue send	715	domain, stopping	506
prune received	735	down	894, 897
received short prune	736	EAPS domain,adding	751
task spawn failed	407	ESD controller	504
trasmit prune,allocating memory	741	ESD Domain	264
watchdog timer, message queue	716	event,unknown	520
		fail timer creation	266
		hello timer creation	265
		instance, out of range	503
		memory allocation failure	262, 263, 264
		memory allocation,bridge	489
		mode,controller	518
		neighbor,unreachable	757
		neighbor,mode	756
		partner,event	519
		PDU type,unknown	755
		port state, unknown	498
		port, setting	505
E			
EAPS			
cannot rename, domain already exists	587		
control VLAN, already	764		
deleting VLAN interface, failed	762		
disabling	774		
does not start	52		
domain does not exist	63		
domain out of range	75		
EAPSD eaps-up - Fail timer expired, while state is Init			
271			

port,configure	752	frame format	171
preforwarding	890	frame with bad length	177
ready	891, 892, 893	not enabled	593
ring port	488	PDU with Bad Length	226
root-blocker, state	515	PDU with Bad OUI	225
segment and bridge,status	521	PDU with bad SNAP	228
segment interface	263, 499	PDU with bad version	227
segment port interface, removing	500	EEPROM	
segment port interface,adding	496	backplane,number	878
segment port,port	516	failed to read card	430
segment timer	268, 758	format,new	877
segment timer,expiry	887	get error	605
segment-port,unknown	526	invalid device number	454
segment-port-timer	759	read failed	250
shared port domain	513	read retried	775
state	517	write failure	247
task not running	754	ELRP Client Default	119
timer creation failure	269	emergency error messages	35
up	895, 896	EMISTP group address delete failed	580
EAPSD		environmental problems	
disabling domain	534	PTAG error	657
ESD instance	501	send error	109
fail timer expiry, flag set	927	system overheated	675
fail timer expiry,flag cleared	928	EPC errors	105
health PDU, received	903	error messages	275
Health-Pdu received	904	ESD	
link down,state unchanged	925	controller domain	527
Link-Down-Pdu,received	901	domain blocked	888
Link-Up-Pdu, received	900	instance, invalid	507, 508
no protected VLANs	763	instance,invalid	509, 510, 511, 514
port type, invalid	502	instance,maximum limit	753
preforward timer, failed	926	neighbor,reachable	884
Query-Link-Status-Pdu,received	902	out of range	512
RingDown-FlushFdb-PDU,received	898	PDU,link down	885, 886
RingUp-FlushFdb-Pdu, received	899	segment timeout	510
state transition, to failed	918, 921	segment timeout expiry action	511
state transition, to Idle	924	segment timer flag,clear	883
state transition, to Init	917	segment timer flag,set	882
state transition, to links up	914	started	881
state transition, to preforwarding	913	stopped	880
state transition, to unknown	909	ESRP	
state transition, to Up	910	enabled	594
state transition, to up	907	enabled, action not possible	595
state transition,to blocked	908	missed hello	717
state transition,to complete	920, 923	Ethernet, bad type/length	553
state transition,to down	905	exceeded committed-rate	
state transition,to failed	916	condition clear	596
state transition,to Idle	915	condition set	597
state transition,to Init	922	ExtremeWare version errors	
state transition,to link down	912	incompatible	282
state transition,to links up	919	incompatible download	280
state transition,to unknown	906	synchronization	281
state transition,to Up	911		
stopping all domains, error	530	F	
stopping domain, error	529	fail timer	
VLAN, unbinding	531	expired, state Complete	67
EDP		expired, state Init	68
bad length	244	flag cleared	777, 778
bad OUI	246	flag set	779
bad SNAP	245	failed	155
bad version	256	fast age out	780
checksum error	257, 573	Fast Path	189
checksum error on packet	58, 59, 572	FDB	
checksum failed	592	ageing time	471

IP SA	
allocation failed	224
IPDA	
NP card	449
subnet lookup	377, 449
IPX interface	622
iQuery, invalid message	623

J

jumbo frames	627
--------------	-----

L

L2 FDB	206
link speed, invalid	287, 288
link transitions	
blizzard error	557
connectivity loss	946
down	81, 289
port up, MAC down	624
spurious	557
state change	306
load-sharing	
port not present	77
port speed invalid	585
redundancy on ports	662
trunk inactive	625
log cleared	785
Log Filter	
associated log target	463
copy	464
delete	461, 463
does not exist	466
exceeds maximum length	468
factory default	460
insufficient memory	464
match parameter	459
maximum configured	462
modifying	465
login failed	290
loops, checking for	71
LSM	
message queue, receive failure	197
message queue, transmit failure	196
receive, timer error	198
write error, CFGDB port	199
LSM filter	
drop received packet	133

M

MAC	
address	855
bad read	555
cannot bind	602
cannot create permanent entry	314
chip not ready	626
duplicate entry	590
filter table	855
link up	624
no entry on lkup table	313
ping address	423
unable to locate	686
unknown type	627
VLAN algorithm enabled	942

MAC FDB	
invalid arp	473
null ARP	472
EAPS	
EAPSD eaps1a - Multiple Masters on the same EAPS	
domain. Received Health-Pdu from another master	270
malformed packet	725
Management port	
interrupts	784
no statistics	599
mapping failed	648
Master domain	
state changed to Idle	786
stopped	787
Master node	
state changed to Complete	788
state changed to Failed	789
state changed to Init	790
Master state changed to Complete	791
Maximum Transmission Unit (MTU)	577
M-BRD	
corrupted packets	165
slow-path	168
MBufs	
cannot allocate	773
cannot get transaction	565
freed	746
memory allocation failed	135
memory allocation failure	255
no cluster	35
NULL	637
out	89
running out	35
stpTask	332
MBZ field	809
memory	
allocation failed	204, 668, 669, 672
allocation info	792
already free	105, 682, 683
block already free	556
cannot allocate	304
cannot allocate for EDP	773
cannot allocate for timer	563
cannot get MBuf transaction	565
defects	110, 570
flash error	43
insufficient	610
insufficient to add port	609
no free buffers	35
out of	90, 91, 92, 93, 94
out of MBufs	89
out of memory	336
software error	110
test failed	372
Memory Block	
accessing	748
Memory Buffer	458
message number	
1000	571
1039	621
1188	593
1198	575
1222	650
1231	89

1403	74	627	87
1424	103	634	115
1460	649	719	806
1498	640	738	825
1548	783	756	824
1573	830	802	817
1590	810, 814	821	570
1640	798	832	570
1654	689	897	803, 816
1936	697	903	820
1937	84	921	98
2009	618	970	804, 818
2115	638	975	815
2429	67, 68	message queue	
2451	831	bracket buffer full	559
2463	801, 802	cannot create	80, 685
2523	805	full	629
2534	823	OSPF exception	83
2561	788	processing error	82
2600	790, 819	receive error	600
2619	789	send error	109, 630
2639	64	messages	
2799	568	alert	43
2848	787	cannot send	661
2853	821	critical	51
2858	786	debug	939
2904	791	emergency	35
3247	832	error	275
3306	829	FDB age message	949
3311	822	global status message	337
3316	828	informational	771
3396	78	interrupt level lost	291
3413	93	invalid message type	324
3415	813	IP FDB age message	948
3433	811	message queue receive	327
3496	812	no buffers for BPDU	637
3502	591	notice	767
3604	75	PPP link status	335
3708	655	PPP message to card	328
3797	587	send failed for Rx queue	136
384	94	transmission message queue creation	139
397	116	unknown type	688
407	65, 80	warning	549
4095	90	MII reset	81
4153	700	mirror card	873, 879
4192	91	modules	
421	52	insertion order	85
4279	701	memory defects	570
4450	92	MSM connection broken	85
453	82	port not ready	45
4853	63	removed	571
4886	76	removed from slot	632
4946	79	motherboard	
5010	695	checksum error	57
5025	694	packet corruption	95
5043	574	MSM	
5063	562	Boot ROM synchronization error	276
5156	635	BootROM version error	275
5217	114	checksum error	58, 572
5230	579	communication between MSM-A and MSM-B	368
5660	613	connection broken	85
5713	614	hot swap with traffic	37
597	779	insertion order	85
613	777, 778	internal loop	648

memory problems	39
missed packets	61
module type mismatch	631
MSM-B, Master	201
no communication	569, 944
programming FLASH	359
rebooted by slave	169
seating problems	102
spoofing attack	108
Multicast	
ptagIndex threshold	170

N

netJob error	39
network connectivity	
checking	44
loss	946
next hop interface	622
ngRxFirst failed	632
NMC	
slave not alive	367
node state change	
Master, Complete	788
Master, Failed	789
Master, Init	790
Transit Down	830
Transit, Links-Up	832
Transit, to Links-Up	831
Note icon, meaning	34
notice messages	767
NVRAM	
running configuration not saved	360
unsupported data type	311
write failed	119

O

OID	
clone failed	434
insufficient instance	398
invalid option	384
OSPF	
assertion failed	88
exception	83
task failed	112
otpRamBusyWait	639

P

packet	
LSM filter	133
malformed	725
packets	
corruption on motherboard	95
fetch failed	283
internal corruption	295
send buffer failed	294
storms	71
wrong packet received	137
path cost	
invalid	286
invalid port speed	617
setting	288
zero	578
PBus CRC error	295

PDU	
cannot send	568
checksum error	573
checksum failed	592
flush received	783
received from two nodes	103
received on wrong port	640
unknown type	689
PIF	
delete failed	583
does not exist	293, 551
insufficient memory	609
invalid for port	615
PIM	
checksum, failure	721
packet type, unknown	722
version	723
Ping	
Control Table	205
Index	205
Platform	
not supported	393
PoE	
bad hardware	771
calibration data updated	772
calibration required	96
disabling for port	298
firmware download complete	794
firmware invalid on blade	296
firmware invalid on slot	297
firmware update failed	97
initialization failed	285
initialized	795
not operational	299
PSU state change	796
updating calibration	833
Port	
cable diagnostics failed	47
disable failed	48
invalid port number	381
out of range	702
QoS	382
semaphore initialization	382
STP, memory allocation	391
too many announcements	704
port	
TFTP errors	714
ports	
activate failed	551
add failed	552
already exists	300
associated MAC	953
binding failed	641, 642
cannot access translation table	639
cannot power	769
cannot read	586
committed rate exceeded	278
connectivity loss	946
creation failed	643, 644, 645, 670
current below specification	767
current over specification	768
deletion failed	646, 647
diagnostic failure	36, 585
does not exist	671

EDP checksum failed	592	old AC values	793
external checksum error	55	old and new AC power supply	215
flapping	289	output failed	355
incorrect state	607	output ready	843
insufficient memory	610	PoE state change	796
internal checksum error	56	port state change	797
invalid path cost	286	PSU installed	854
invalid PIF	615	PSU output failure	853
invalid secondary port	618	PSU removed	188, 202
invalid speed	288, 617	single and dual AC power supply	219
link down	639	temperature failure	193
link speed	287	unknown type	38
link state	306, 557	up for slot	799
mapping failed	648	PPP	
message send failed	136	link configuration	331, 334
mismatch, delete failed	584	link status message	335
no trunk ID	320	message to card	328
not configured	649	pqmWaitKill failed	943
not in VLAN	650	preforward timer expired	801, 802
not ready	45, 104	PSU, <i>see</i> power supplies	
power state change	797	PTAGs	
primary, status changed to Blocked	803	allocation failed	249
primary, status changed to Down	804	already free	657
primary, status changed to Unknown	829	communication error	944
primary, status changed to Up	805, 806	does not exist	674
secondary, status changed to Blocked	816	invalid	77
secondary, status changed to Down	817, 818	invalid entry	44
secondary, status changed to Init	819	maximum block allocation	628
secondary, status changed to Preforwarding	820	no free LIST tags	656
secondary, status changed to Unknown	821, 822	running out of	962
secondary, status changed to Up	823, 824, 825	unable to allocate	684
semaphore allocation failed	138		
spurious link state	664	Q	
state blocked	98	QoS	
status changed to Up	798	cannot find entry	663
STP disabled	665	changing default value	708
unbinding failed	651	duplicate port instance	658
untagged STP mismatch	691	invalid configuration	807
up timer creation failed	140	quake	
VLAN changed	942	cannot access	294
write error	652	queue descriptor	102
POST slot failure	40	transient failure	945
Power over Ethernet, <i>see</i> PoE			
Power supplies		R	
reserve	868	RADIUS	
power supplies		authentication server	312
AC and DC	218	server not found	312
AC and DC power supply	216	RAM request timeout	102
back to normal	121	Reboot Loop	539
consumption exceeds threshold for slot	653	Recv buffers not empty	946
consumption exceeds threshold for system	654	register failed	104
consumption normal for slot	301	related publications	34
consumption normal for system	302	ring state	
DC and DC-J	217	break, flush transit FDBs	810
disconnect,remove	866, 867	changed to Link-Down	815
failed	122	Complete	812
failure, no backup	99	Down, flush domain FDBs	811
failure, retry later	100	Up, flush FDB on domain	813
failure, switching to backup	800	Up, flush Transit FDBs	814
failure, trying again	101	RIP	
fan failure	194	error sending message	947
input failure	195	packet sanity check failed	809
memory allocation failure	212	RIP Route	
mismatch	176, 217		

delete	362, 363	out of memory	475
Route		SSH cipher	826
Blackhole	200	SSHD	
ignored	954	exec command	487
interface not specified	366	stack boundary exceeded	677
IP address, conflicts	954	stacking	
unicast	200	discovery failure, system reboot	273
route-map		stack merge, system reboot	272
maximum configured	239	stack, reconverged	931
router, out of resources	44	state incorrect	607
RTIF		STP	
instance,invalid	440	associated physical port	329
rule does not exist	549	BPDU, port mode mismatch	401
Rx Buffer		delete failed	437
allocation failed	157	delete, domain error	402
		disabled for port	665
S		disabled for STPD	666
seating		domain allocation failed	251
ACK error	550	domain table allocation failure	251
I/O modules	569	domain, cannot delete	402
MSM or I/O module	102	empty packet, incoming	399
Secure Shell session cipher	826	invalid ID	415
server not in use	659	memory allocation failure	391
SFLOW		packets, too large	403
configuration parse failed	222	port	730
configuration parsing	223	port creation failed	670
slave		port does not exist	671
configuration error	303	port memory allocation failed	672
port active	662	port,active untagged	727
slot disabled	864	timer delay exceeds capacity	679
slots		timer message queue	333
calibration required	51, 96	untagged port mismatch	691
checksum error	59	wrong version number	400
clear log failed	172	STP Domain	729
diagnostic failures	586	VLAN ID	731
failures	40	STP Port	
firmware update failed	97	error for dot1dStpPortPriority	317
invalid card type	395	STPD	
out of range	703	Auto-bind	732
power consumption too high	653	BPDU carrier	732
power supplies up	799	cannot save default	566
power supply failure	99, 100, 101	creation failed, get EEPROM error	605
slow path	621	creation task failed	576
SNMP		delete failed	582
agent not found	421	disabled	733
AP MAC Filter Status	386	error for dot1dStpBridgeHelloTime	316
create ping failed	425	error for STP bridge priority	315
memory allocation,clients	485	instance does not exist	667
requests received,errors	726	memory allocation failed	668
SNMP Request		no associated port	633
not supported	261	STP disabled	666
software		table memory allocation failed	669
internal errors	555	tag from bridge	130
invalid situation	107	tag removal failed	673
memory problems	110	VLAN	732
obsolete	283	stuck interrupt	676
runtime errors	106	SuperBridge error	674
spoofing attack	108	Support Login	
SSH		access,disabled	744
access list instance	147	Switch configuration	
create smlist failed	144	change	872
debug globals	477	SNMP	872
Eloop event	475	sync errors	
memory allocation	479	automatic update failed	692

Boot ROM	276	wrong bucket	681
flooding	780	TLV, unknown type	690
incompatible version	281	transient failure	945
system		Transit domain	
chunk NULL	110	state changed to Idle	828
diagnostic failure	946	stopped	829
flash memory error	43	Transit nodes	
initialization failed	285	flush FDBs	810, 814
overheated	675	state changed to Down	830
power consumption too high	654	state changed to Links-Up	831, 832
rebooted	827	trunk inactive	625
system initialization		Twister access timeout	113
minimum mode	178	typographical conventions	34
system recovery			
action	175		
T		U	
TACACS		update can't be done	692
Server Not Configured	310	URL	
tag removal failed	673	not found	340, 952
Task creation failed	252	search for path	951
tasks		search, MAC address authenticated	950
cannot start EAPS	52	User Account	
configuration download spawn failed	125	out of range	455
crashes	65, 66, 105	user account out of range	693
EPC errors	105		
exceeded stack boundary	677	V	
exceptions	567	VDSL	
get transmit MBuf	332	cannot read or write	41
initialization failed	678	port not ready	45
memory allocation for bridge STPD list	330	power register read error	305
not running	591	reduced mode	306
receive spawn failed	131	task message failure	46
timer tick to DLA	319	Vector mismatch	450
transmission spawn failed	132	Vendor	
VSDL message failure	46	information	338
TCP connection error	111	information not available	712
Telnet		VLAN	
invalid access list instance	149	already exists	574, 695
smlist	152	bind failed	696
Temperature		bind to STPD failed	292
cannot read	375	bridge create failed	412
temperature		cannot add to EAPS	562
message queue error	109	cannot control EAPS domain	694
system overheated	675	cannot create	277
TFTP		cannot find default	564
attempts	719	creation failed	235
clearing image, Flash	849	default VLAN name	414
initialization error	397	does not contain port	697
initialization failed.	352	does not exist	114
port, errors	714	existing vlanifIndex	353
wireless port, error	848	flush mask	417
wireless port, version	852	ID already bound	698
time values, invalid	619	ID conflict	307
timers		ID no longer in STPD	699
cannot allocate memory	563	instance	339
creation failed	134	invalid ifIndex	350
delay exceeds capacity	679	invalid object ID	614
flag cleared	777, 778	loop detected	118
flag set	779	maximum EAPS associations	79
non-expired bucket	680	memory allocation	417
preforward expired	801, 802	memory allocation failed	254
task running while expiry	321	memory allocation failure	419
watchdog	687	network login, IP not configured	709
		no BIF	634

No memory available	184
no protected configured	638
none added to EAPS	635
not configured as control	87
not configured for EAPS	575
not control VLAN	700
not found	115
not in STPD	308
not protected VLAN	701
renaming default VLAN	414
translation flush mask	419
wrong index in set request	344
VLAN-Port	
no matching filter	960
VLSM, implementing with RIP1	947
VRRP	
enabling on interface	439
initialization	240, 241
memory allocation failure	243, 258
message task	483
multicast	443
no buffer	443
null interface	482
queue creation failed	240
task spawn failed	241
virtual router instance	481
WD timer	242
VRRP Table	
no memory available	120
W	
Warning icon, meaning	34
warning messages	549
watchdog timer	
cannot create	116
cannot start	687
reboot	117, 166
task running	167
Web	
invalid access list instance	150
smlist	151
Wireless Port	
version error	850
X	
Xen card	
add	129
remove	129